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ABSTRACT

The North Carolina Annual Testing Program, established by the 1977 General Assembly to assess the effectiveness of the educational process in North Carolina, involves the administration of a battery of norm-referenced tests to students in grades 3, 6, and 8 to measure skills in reading, language, mathematics, science, and social studies. This paper reports performance results from administration of the California Achievement Tests (CAT) to public school students in the spring semesters of 1986 through 1990; and administration of the North Carolina Science and Social Studies Test (NCSST) to public school students in the spring semesters of 1988 and 1990. In the spring of 1990, North Carolina students scored above the national norm group in all CAT subject areas in the three grades tested, with performance higher in mathematics and language than in reading. Between the spring semesters of 1986 and 1990, the average student improved performance in all measured areas. Between the spring semesters of 1988 and 1990, the performance of the typical student in the three grades was maintained or improved in all areas measured by the NCSST. Eighteen graphs illustrate state frequency distributions for the CAT and NCSST. Test results are summarized in 32 tables. Five appendices include: (1) state summary reports from the CAT (21 pages of tables); (2) regional CAT summary reports (36 pages of tables); (3) regional NCST and NCSST summaries (48 pages of tables); (4) "Selecting a Measure of Central Tendency: Comparison of the Mean and Median"; and (5) definitions of measurement terms used in the report. (SLD)

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**NORTH CAROLINA
ANNUAL
TESTING PROGRAM**
**3 6 8
BASIC SKILLS**

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REPORT OF STUDENT PERFORMANCE

1986-1990

Bob Etheridge
State Superintendent of Public Instruction

Division of Accountability Services
North Carolina Department of Public Instruction

Raleigh 27603-1712

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Published July, 1990

Report of Student Performance

California Achievement Tests
North Carolina Science Tests
North Carolina Social Studies Tests
Grades 3, 6, and 8

Spring 1990

Prepared by Rod Moore and Marilyn Zuckerman
Division of Accountability Services
North Carolina Department of Public Instruction
Raleigh, NC 27603-1332

Bob Etheridge
State Superintendent of Public Instruction

Published 1990

FOREWORD

The North Carolina Annual Testing Program was established by the 1977 General Assembly to assess the effectiveness of the educational process in North Carolina. To accomplish this purpose, a battery of national and statewide standardized norm-referenced tests are currently administered in the spring of each year to North Carolina's students in grades three, six, and eight. These tests measure the basic skills areas of reading, language, mathematics, science, and social studies. Results of each year's student performance are reported to parents, teachers, and school officials, as well as to all appropriate state-level audiences, including the State Board of Education and the General Assembly.

While the results of the first statewide assessment in 1978 indicated that North Carolina's students, on average, scored below the 1977 national norms, student performance in all areas measured over the years has improved dramatically. For example, during the period 1978 to 1985, the nation showed a gain in average student performance of about one grade equivalent year. However, for this same period, North Carolina's students demonstrated an average gain of one and a half grade equivalent years, with the most dramatic improvement in student performance occurring among minority students.

The results of the statewide assessment in 1986, which used the newest version of the national achievement tests, indicated that North Carolina's students, on average, scored above the 1985 national norms by about one fourth of a grade equivalent year. In addition, North Carolina's average student performance since 1986 in the areas of reading, language, and mathematics continues to show steady improvement each year.

The North Carolina Annual Testing Program has helped assure the citizens of North Carolina that our students are acquiring the basic academic skills they need in order to be successful students and successful, productive members of our society. This testing program, along with North Carolina's other statewide testing programs, is also helping assure that each and every student in North Carolina is benefiting from the educational experience.

Bob Etheridge
State Superintendent of Public Instruction

ABSTRACT

The North Carolina Annual Testing Program was established by the 1977 General Assembly to assess the effectiveness of the educational process in North Carolina. To accomplish this purpose, a battery of national and statewide standardized norm-referenced tests are currently administered in the spring of each year to North Carolina's students in grades three, six, and eight. These tests measure the basic skills areas of reading, language, mathematics, science, and social studies. Results of each year's student performance are reported to parents, teachers, and school officials, as well as to all appropriate state-level audiences, including the State Board of Education and the General Assembly.

Highlights of the results from the 1990 administration of the California Achievement Tests are as follows:

- In the spring of 1990, the average student in North Carolina scored higher than the average student in the national norm group (1985) in all subject areas in the third, sixth, and eighth grades. Relative to the national norm, students scored higher in language and mathematics than in reading.
- Between the spring of 1986 and the spring of 1990, the average student in the third, sixth, and eighth grades in North Carolina improved in performance in all areas measured.
- In comparison with the national norm group on Total Battery scores, North Carolina had a greater proportion of students scoring at or above the 77th national percentile (well above average). While the norm group had 23 percent at or above the 77th percentile, North Carolina had 37 percent at grade three, 31 at grade six, and 27 at grade eight.

Highlights from the 1990 administration of the North Carolina Science and Social Studies Tests are as follows:

- Results from the 1990 administration of the North Carolina Science Tests (Form B) indicated that the typical third-grade student answered 63 percent of the items correctly, the typical sixth-grade student correctly answered 65 percent of the items, and the typical eighth-grade student, 60 percent. For the North Carolina Social Studies Tests the typical third-grade student answered 72 percent correctly; sixth-grade, 67; and eighth-grade, 63.
- Between the spring of 1988 and the spring of 1990, the typical student in the third, sixth, and eighth grades in North Carolina maintained or improved in performance in all areas measured by the North Carolina Science and Social Studies Tests.

In addition to the information reported in this publication, the North Carolina Annual Testing Program provides schools and school systems with student performance results on the goals and/or objectives as measured by these tests, which instructional leaders can use to identify strengths and weaknesses in their educational programs.

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North Carolina Annual Testing Program
Spring, 1990

Introduction: California Achievement Tests

In the spring of each year, North Carolina students in the third, sixth, and eighth grades participate in the North Carolina Annual Testing Program (NCATP). These tests were designed to obtain general measures of performance and to compare the performance of various groups of students in the basic skills areas of reading, language, and mathematics. However, these tests also provide specific information to help teachers, parents, and students obtain indicators of each student's learning strengths and difficulties. This section reports public school student performance for the spring of 1986, 1987, 1988, 1989, and 1990 (see Tables 4 and 5). Results for prior years may be obtained from previous issues of the *Report of Student Performance*.* A summary of student performance for 1978-1985 may be found in the 1986 edition. Since achievement results for 1978-1985 are based on administration of the 1977 edition of the California Achievement Tests, Form C (i.e., earlier norms), a direct comparison of student performance between 1986, the first year of program administration using the 1985 California Achievement Tests, Form E (i.e., new norms), and the previous year's results is not reported. However, *general* impressions of educational progress for North Carolina and the nation are summarized in the 1986 report and comparisons of students' performance for 1986, 1987, 1988, 1989, and 1990 are reported in this publication.

The information presented in this report is limited to a summary of performance for the entire public school student population of the state and for the total public school student population of each of the state's eight education regions. The 1990 summary of achievement for each of the 134 local education agencies (LEAs) in North Carolina is provided in Appendix B. Please note that academic performance reported in this publication, except where noted, is based on a school system's total student population, including most handicapped students. Table 2 presents a comparison of the percentage of exceptional students included in North Carolina's testing program and in the California Achievement Tests (CAT)

An examination of these data indicates that, in 1990, North Carolina tested approximately the same percentage of mentally handicapped students as were tested in the national groups, but tested a slightly higher percentage of learning disabled students. Therefore, results are also reported separately for these and other selected groups of exceptional students. These scores are part of the state reports which are included in this publication (Appendix A).

Student performance is reported using grade equivalent and national percentile rank scores because these interpretive indices have been used throughout the nation, including North Carolina, and are more familiar to the general public than other derived scores. (The reader is referred to Appendix E for a glossary of these and other measurement terms.) The scale score and normal curve equivalent, measures more suited for technical and research purposes, are included on the state, regional, and LEA CAT Summary Reports reproduced in this report. Scale scores and normal curve equivalents may be obtained for various student subpopulations from the Division of Accountability Services, Testing Section, State Department of Public Instruction.

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* Copies of this report, as well as previous editions of the *Report of Student Performance*, may be purchased from the Public Information Officer, Division of Communication Services, Department of Public Instruction, Raleigh, NC 27603-1712, (919) 733-4258.

A grade equivalent score represents the school year and month (i.e., grade level) of the students in the norming samples who averaged the same score. In general, a grade equivalent can be thought of as the average score obtained on a test by students in the national norming sample who were in a particular month of the school year. For example, North Carolina students who receive the same score as the average student in the norm group who had completed the second month of the seventh grade will receive a grade equivalent score of 7.2. The reader is referred to Appendix E for a discussion of certain problems with the interpretation of grade equivalents.

The grade equivalent scores reported by CTB MacMillan/McGraw-Hill, the publisher of the CAT, for groups of students are based on mean (average) scale scores. Mean scale scores are calculated by adding up the scale scores of all the students making up a particular reporting group (e.g., school district) and dividing this number by the total number of students. Therefore, when CTB reports achievement results for the CAT in terms of grade equivalents (Grade Mean Equivalent), the grade equivalent score is based on mean national student performance as expressed in scale scores units. Such scores may be interpreted as representing "average" student performance.

A percentile rank score indicates, for each grade level, the percentage of students in the national norm group who scored below a particular score point. For example, if a student in the sixth grade in North Carolina receives a percentile rank of 76 on the reading test, the North Carolina student's score is better than 76 percent of the sixth-grade students in the national norm group on that test.

The percentile rank scores reported by CTB MacMillan/McGraw-Hill for student groups are based on national median (mid-point) scale scores. National median scale scores are calculated by determining the scale score at which exactly half of the students in the national norm groups scored above and exactly half scored below. Thus, the national 50th percentile rank for each grade represents the median scale score (mid-point) obtained by students in the national norm group and this score can be interpreted as representing "typical" student performance in the nation. For a more thorough discussion of the interpretation of scores based on the mean and the median, refer to Appendix D.

Since the performance of North Carolina students is being compared with a national norm, a comparison of the state with the nation on selected important variables may contribute to a better understanding of the North Carolina results. Table 3 compares North Carolina to the nation on per capita income, average educational level, and per capita expenditures for public schools.

During the past twenty years, North Carolina has remained one of the poorer states in terms of per capita income. While the real difference between North Carolina and the national per capita average income has increased ($649 in 1960 to $1,702 in 1980), the relative difference has decreased from 41 percent to 22 percent. A review of state and local expenditures for education also reveals that North Carolina has historically been below the national average. During this time, the educational level of adults has increased greatly in North Carolina and the nation and at about the same rate. The number of handicapped students receiving services from public schools has also increased, particularly in the last decade. To bring North Carolina's per pupil rate of expenditure for the public schools to the national rate (when it has been about twenty percent less during this time) would require $669 for each of some 1,009,615 students or just over 675 million dollars ($675,432,435).

Tables 4 and 5 present achievement results for the state. Tables 9–16 provide grade equivalent scores for the eight education regions while Tables 17–24 present percentile rank scores for the regions. Tables 6–8 show the state frequency distributions and Figures 1–3 graphically display the state Total Battery Scale Score Frequency Distributions. Appendix B contains summary information for each public school system (LEA).

Introduction: North Carolina Science and Social Studies Tests

The 1984 North Carolina General Assembly ratified House Bill 80 which established several new testing programs and expanded the NCATP to include the evaluation of "students at grades 3, 6, and 9* beginning immediately in the basic areas not included in the Annual Testing Program . . . ." In response to this legislation, the Annual Testing Commission determined that the subject areas of science and social studies would be the first areas targeted for addition to the testing program. Thus, during late summer and early fall of 1984, the Commission, with staff support from the Divisions of Research and Testing Services, Science, and Social Studies, surveyed and evaluated all known commercially available science and social studies testing products which could be used in the NCATP. The results of this extensive test review process, which included reviews by teachers, supervisors, and measurement experts, revealed that (1) commercially available tests which purported to measure a "national" social studies curriculum did not match North Carolina's social studies scope and sequence, (2) commercially available science tests provided only a limited match with North Carolina's science objectives, and (3) tests previously developed by the Division of Science provided a better match to North Carolina's science curriculum and could, with upgrading to current measurement standards, form the nucleus of the new science tests. Therefore, in late fall, the Annual Testing Commission directed the Division of Research and Testing Services to develop a science test for administration in the spring of 1985, which would sample a student's general science knowledge and provide a better representation of the science areas taught in North Carolina's schools. Given the extremely short implementation schedule and limited staff resources, the Commission directed the Division of Research and Testing Services to begin work on a North Carolina social studies test for possible administration in the spring of 1987.

Thus, during the winter of 1984, the Divisions of Science, and Research and Testing Services reviewed the North Carolina science curriculum, identified the areas to be measured, and with the help of teachers, developed new items or revised items previously administered to state or national groups of students. The end products of this process were three 50-item tests which sampled a student's cumulative science knowledge at grades 3, 6, or 9 and provided indicators of the status of science instruction in North Carolina. Development of new, more comprehensive science and social studies tests occurred during 1985-1986 and the new 60-item North Carolina tests (Form A) were first administered in the spring of 1987. Form B of these tests was first administered in the spring of 1988, and Form B was again administered in the spring of 1990.

In addition to an overall measure of science and social studies knowledge, the 1986-87 North Carolina Science and Social Studies Tests were designed to provide a general indication of student knowledge in several major areas of the science and social studies curriculum. For science the areas measured are Life Science, Physical Science, Earth Science, Nature of Science, and Process Skills, plus a measure of a student's ability to apply general science concepts to a specified situation. For social studies the areas measured are History, Geography, Economics, Government, and Anthropology/Sociology. The tests were also designed to provide a general indication of how North Carolina's students perform on items which require drawing inferences or evaluating information (higher-order thinking/reasoning skills) versus items which require factual recall (lower-order thinking/reasoning skills).

Tables 25-27 present spring 1988 and spring 1990 achievement results for the state while Tables 28–32 report similar results for the eight education regions in terms of median state percentile rank scores. State raw score frequency distributions are presented in Figures 4–6. Appendix C presents summary information for each public school system (LEA).

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* In the spring of 1985, the General Assembly modified this legislation to include testing at grade eight and discontinue testing at grade nine.

Summary of Student Performance
Spring, 1990

California Achievement Tests

The major results of the California Achievement Tests are as follows:

1. In the spring of 1990, the average student in North Carolina scored higher than the average student in the national norm group (1985) in all subject areas in the third, sixth, and eighth grades. Relative to the national norm, students scored higher in language and mathematics than in reading.

2. Between the spring of 1986 and the spring of 1990, the average student in the third, sixth, and eighth grades in North Carolina improved in performance in all areas measured.

3. In comparison with the national norm group on Total Battery scores, North Carolina had a greater proportion of students scoring at or above the 77th national percentile (well above average). While the norm group had 23 percent at or above the 77th percentile, North Carolina had 37 percent at grade three, 31 at grade six, and 27 at grade eight.

   Similarly, North Carolina had a smaller proportion of students scoring at or below the 23rd national percentile (well below average). While the norm group had 23 percent scoring at or below the 23rd percentile on Total Battery, North Carolina had 15 percent at grade three, 15 at grade six, and 16 at grade eight.

4. There was a consistent relationship between student attendance and achievement for all grades tested; students who were absent more often performed less well on the CAT. The decreases in performance were consistently greater for each successive level of absenteeism (0-7, 8-14, 15-21, and more than 21 days absent). Apparently the negative effects of absenteeism on achievement were more severe as the level of absenteeism increased.

5. In language and mathematics the average student in each of the eight education regions exceeded the average student in the nation. In all but one region, Region Four, the average student equaled or exceeded the average student in the nation on the reading test. The average student's reading performance for Region Four was below national standards by two grade equivalent months at grade six and one grade equivalent month at grade eight, which, for grade eight, represented an improvement of one grade equivalent month from the previous year.

North Carolina Science and Social Studies Tests

The major results of the North Carolina Science and Social Studies Tests are as follows:

1. Results from the 1990 administration of the North Carolina Science Tests (Form B) indicated that the typical third-grade student answered 63 percent of the items correctly, the typical sixth-grade student correctly answered 65 percent of the items, and the typical eighth-grade student, 60 percent. For the North Carolina Social Studies Tests the typical third-grade student answered 72 percent correctly; sixth-grade, 67; and eighth-grade, 63.

2. In almost all cases, the typical (or average) student performance for the major areas (e.g., Earth Science) measured by the North Carolina Science and Social Studies Tests was similar to student performance for the total tests. For additional test scores see Appendix C: North Carolina Science and Social Studies Tests, Regional Summary Reports (LEAs).

3. Between the spring of 1988 and the spring of 1990, the typical student in the third, sixth, and eighth grades in North Carolina maintained or improved in performance in all areas measured by the North Carolina Science and Social Studies Tests.

4. In the spring of 1990, the typical student in each of the eight regions maintained or improved overall performance on the North Carolina Science Tests, as compared with the 1988 typical student performance. While improved performance was demonstrated by all regions at grade three on the North Carolina Social Studies Tests, typical student performance in all but two of the regions for grade six remained unchanged. Typical eighth-grade student performance for the eight regions was mixed. Typical performance in four regions improved, while typical performance in four remain unchanged. The overall typical state performance also remained unchanged.

Table 1

NUMBER OF STUDENTS PARTICIPATING IN THE NORTH CAROLINA ANNUAL TESTING PROGRAM (Spring, 1990)

Grade	Public Schools[1]	Non-Public Schools[2]	Federal Schools	Human Resource or Special Schools	Total
3	83,707	2,606	486	1	86,800
6	81,339	2,090	307	23	83,759
8	78,061	1,576	271	155	80,063
Total	243,107	6,272	1,064	179	250,622

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[1] Includes "non-standard" and "late" administrations.

[2] Includes "late" administrations.

Table 2

PERCENTAGE OF EXCEPTIONAL STUDENTS TESTED IN THE 1990 NCATP AND PERCENTAGE OF HANDICAPPED (EMH AND LD) STUDENTS TESTED IN THE 1985 CAT STANDARDIZATION

Grade	Number of NC Students Tested[1]	NC Gifted	NC Multiple	CAT EMH	NC EMH	CAT LD	NC LD
3	83,707	6.4	0.2	0.8	0.6	3.0	6.1
6	81,339	12.0	0.1	0.7	0.8	3.6	6.0
8	78,061	10.5	0.03	1.0	0.8	2.5	4.6

---

[1] Public school students only. See Table 1.

Table 3

COMPARISON OF NORTH CAROLINA AND THE NATION ON SELECTED EDUCATION AND RELATED STATISTICS

		North Carolina	United States
Average Per Capita Income (How North Carolina Ranks Educationally Among the Fifty States)	1987	$13,314	$15,481
	1980	7,819	9,521
	1970	3,207	3,921
	1960	1,574	2,223
	1950	-----	-----
Per Capita State and Local Government Expenditures for Local Schools (including Capital Outlay) (*U.S. Department of Commerce, Bureau of Census, Government Finances, 1981) (**How North Carolina Ranks Educationally Among the Fifty States)	**1987	572.12	644.13
	*1980	350.80	410.28
	**1970	142.87	184.35
	**1960	65.11	84.27
	1950	-----	-----
Percentage of Persons 25 Years Old or Older Completing High School (Statistical Abstract of the U.S., 1981 102d Edition, U.S. Department of Commerce, Bureau of Census)	1980	55.3%	66.3%
	1970	38.5%	52.3%
	1960	32.3%	41.1%
	1950	20.5%	33.3%
Average Education Level (Years of School Completed) (Statistical Abstract of the U.S., 1981 102d Edition, U.S. Department of Commerce, Bureau of Census)	1980	12.2	12.5
	1970	10.6	12.1
	1960	8.9	10.6
	1950	7.9	9.3
Handicapped Children as Percentage of School-Age Children	1980	9.6%	--
	1970	5.4%	--
	1960	1.4%	--
	1950	0.4%	--
Per Capita State and Local Government Expenditures for all Education (How North Carolina Ranks Educationally Among the Fifty States)	1987	$ 899.57	$ 931.22
	1980	542.45	588.11
	1970	214.05	259.43
	1960	82.45	104.00
	1950	--	--
Estimated Current Expenditures for Public Elementary and Secondary Schools Per Pupil in Average Daily Attendance (How North Carolina Ranks Educationally Among the Fifty States)	1989	$ 3,872	$ 4,541
	1980	1,866	2,200
	1970	584	773
	1960	230	369
	1950	--	--

Table 4

STATE
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986-1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.7	3.8	3.8	3.9	4.1			0.4
6	6.8	6.9	6.9	7.0	7.0			0.2
8	8.7	8.7	9.0	9.1	9.2			0.5

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.6	4.7	4.8	4.8	5.0			0.4
6	8.0	8.1	8.3	8.3	8.4			0.4
8	9.4	9.4	9.8	9.8	10.2			0.8

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.1	4.1	4.3	4.3	4.6			0.5
6	7.1	7.2	7.2	7.4	7.6			0.5
8	9.0	9.1	9.3	9.4	9.7			0.7

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.0	4.0	4.2	4.2	4.4			0.4
6	7.1	7.2	7.3	7.4	7.6			0.5
8	8.8	9.0	9.2	9.4	9.7			0.9

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[1] Results from administration of the California Achievement Tests, presented as grade equivalents; national averages equal the seventh month of each grade level (e.g., 3.7).

Table 4 (cont)

STATE
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986-1990

WORD ANALYSIS[2]

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.9	3.9	3.9	3.8	3.9			0.0
6	NA[3]	NA[3]	NA[3]	NA[3]	NA[3]			
8	NA[3]	NA[3]	NA[3]	NA[3]	NA[3]			

SPELLING[2]

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.1	4.1	4.1	4.1	4.2			0.1
6	6.7	6.8	6.9	7.2	7.2			0.5
8	8.8	8.8	9.0	9.0	9.2			0.4

---

[1] Results from administration of the California Achievement Tests, presented as grade equivalents; national averages equal the seventh month of each grade level (e.g., 3.7).

[2] These test sections do not contribute to the calculation of the Total Battery scores.

[3] These areas are not measured at these grades by the California Achievement Tests.

Table 5

STATE
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986-1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	53	54	54	55	57			4
6	49	50	51	52	53			4
8	48	49	51	52	54			6

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	59	60	61	62	65			6
6	55	56	58	59	60			5
8	53	53	55	55	57			4

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	62	63	65	66	71			9
6	57	59	58	60	64			7
8	52	52	55	55	58			6

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	58	58	60	61	65			7
6	54	55	55	56	58			4
8	51	52	53	54	56			5

---

[1] Results from administration of the California Achievement Tests, presented as national percentile ranks; national averages equal the 50th percentile for each grade level. Percentile ranks indicate the percentage of students in the nation who were surpassed by the typical student in North Carolina.

Table 5 (cont)

STATE
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986-1990

WORD ANALYSIS[2]

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	50	50	51	50	50			0
6	NA[3]	NA[3]	NA[3]	NA[3]	NA[3]			
8	NA[3]	NA[3]	NA[3]	NA[3]	NA[3]			

SPELLING[2]

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	60	60	60	60	61			1
6	48	50	51	52	52			4
8	51	50	51	52	53			2

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[1] Results from administration of the California Achievement Tests, presented as national percentile ranks; national averages equal the 50th percentile for each grade level. Percentile ranks indicate the percentage of students in the nation who were surpassed by the typical student in North Carolina.

[2] These test sections do not contribute to the calculation of the Total Battery scores.

[3] These areas are not measured at these grades by the California Achievement Tests.

Table 6

STATE FREQUENCY DISTRIBUTIONS[1]
CALIFORNIA ACHIEVEMENT TESTS, 1985 EDITION
SPRING 1986–1990

GRADE 3

Verbal Description	Stanine	National Percentage	Reading State Percentage							Language State Percentage						
			1986	1987	1988	1989	1990	1991	1992	1986	1987	1988	1989	1990	1991	1992
Well above average	9	4	5	5	5	6	6			10	11	11	11	14		
	8	7	7	8	8	8	9			9	9	9	10	10		
	7	12	12	12	13	13	14			12	12	12	12	13		
Slightly above average	6	17	17	18	18	18	18			19	20	20	19	19		
Average	5	20	20	20	20	20	20			18	17	17	17	16		
Slightly below average	4	17	18	17	17	16	16			16	16	15	15	14		
Well below average	3	12	11	11	11	11	10			10	9	9	9	8		
	2	7	5	4	4	4	4			4	4	3	3	3		
	1	4	4	4	4	4	3			3	3	3	3	2		

Verbal Description	Stanine	National Percentage	Mathematics State Percentage							Total Battery State Percentage						
			1986	1987	1988	1989	1990	1991	1992	1986	1987	1988	1989	1990	1991	1992
Well above average	9	4	11	11	12	13	15			10	10	11	12	13		
	8	7	9	10	10	10	12			7	7	8	8	9		
	7	12	15	14	15	15	16			14	14	14	14	15		
Slightly above average	6	17	18	18	18	18	18			18	18	18	18	18		
Average	5	20	18	18	18	17	16			17	17	17	17	16		
Slightly below average	4	17	14	14	13	13	12			16	16	16	15	15		
Well below average	3	12	9	9	9	8	7			10	10	10	9	9		
	2	7	4	4	3	4	3			4	4	4	4	3		
	1	4	2	2	2	2	2			4	4	3	3	3		

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[1] Includes public school students tested in the NCATP.

Table 7

STATE FREQUENCY DISTRIBUTIONS[1]
CALIFORNIA ACHIEVEMENT TESTS, 1985 EDITION
SPRING 1986–1990

GRADE 6

Verbal Description	Stanine	National Percentage	Reading State Percentage							Language State Percentage						
			1986	1987	1988	1989	1990	1991	1992	1986	1987	1988	1989	1990	1991	1992
Well above average	9	4	5	4	4	4	5			6	6	7	7	8		
	8	7	7	7	7	7	7			8	9	9	9	10		
	7	12	11	11	12	12	12			12	13	13	13	13		
Slightly above average	6	17	17	18	18	18	19			20	20	20	20	20		
Average	5	20	20	20	20	21	21			20	20	20	20	19		
Slightly below average	4	17	21	21	20	20	20			17	16	16	16	16		
Well below average	3	12	12	12	11	11	11			10	10	9	9	9		
	2	7	4	4	4	3	3			4	4	4	4	4		
	1	4	4	4	4	3	3			3	3	3	2	2		

Verbal Description	Stanine	National Percentage	Mathematics State Percentage							Total Battery State Percentage						
			1986	1987	1988	1989	1990	1991	1992	1986	1987	1988	1989	1990	1991	1992
Well above average	9	4	9	10	10	11	13			9	10	10	11	9		
	8	7	7	7	7	8	8			7	7	7	8	9		
	7	12	13	13	13	13	14			13	13	13	13	13		
Slightly above average	6	17	18	18	17	18	18			18	18	17	18	18		
Average	5	20	21	20	21	21	20			21	20	21	21	20		
Slightly below average	4	17	16	16	16	15	14			16	16	16	15	17		
Well below average	3	12	10	9	9	9	8			10	9	9	9	9		
	2	7	4	4	3	3	3			4	4	3	3	3		
	1	4	3	3	3	2	2			3	3	3	2	3		

---

[1] Includes public school students tested in the NCATP.

Table 8

STATE FREQUENCY DISTRIBUTIONS[1]
CALIFORNIA ACHIEVEMENT TESTS, 1985 EDITION
SPRING 1986–1990

GRADE 8

Verbal Description	Stanine	National Percentage	Reading State Percentage							Language State Percentage						
			1986	1987	1988	1989	1990	1991	1992	1986	1987	1988	1989	1990	1991	1992
Well above average	9	4	5	5	5	5	5			5	5	6	6	7		
	8	7	6	6	6	7	7			7	7	7	7	8		
	7	12	11	11	12	13	13			12	12	13	13	13		
Slightly above average	6	17	17	17	18	18	19			19	19	19	19	20		
Average	5	20	21	21	22	21	22			19	19	19	19	19		
Slightly below average	4	17	18	18	17	17	17			19	19	19	19	19		
Well below average	3	12	13	12	12	11	11			11	11	10	10	10		
	2	7	5	5	5	4	4			5	4	4	4	4		
	1	4	5	5	4	4	3			3	3	2	2	2		

Verbal Description	Stanine	National Percentage	Mathematics State Percentage							Total Battery State Percentage						
			1986	1987	1988	1989	1990	1991	1992	1986	1987	1988	1989	1990	1991	1992
Well above average	9	4	6	6	7	7	9			6	6	6	7	7		
	8	7	7	7	7	8	9			6	6	6	7	7		
	7	12	11	11	12	12	12			12	12	12	13	13		
Slightly above average	6	17	18	19	20	18	19			18	18	18	18	19		
Average	5	20	20	20	20	20	19			22	22	22	21	21		
Slightly below average	4	17	20	19	18	18	17			18	18	17	17	16		
Well below average	3	12	11	11	10	10	9			11	11	10	10	9		
	2	7	5	5	4	4	4			5	5	4	4	4		
	1	4	3	3	3	3	2			4	4	3	3	3		

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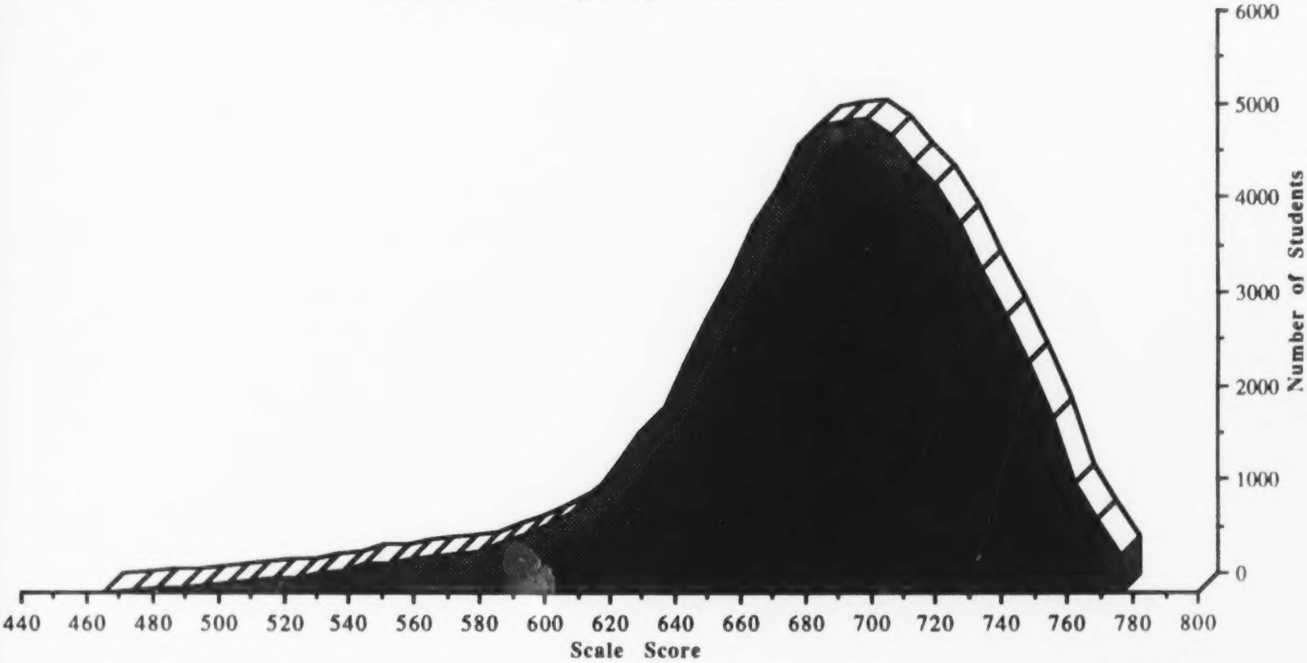
[1] Includes public school students tested in the NCATP.

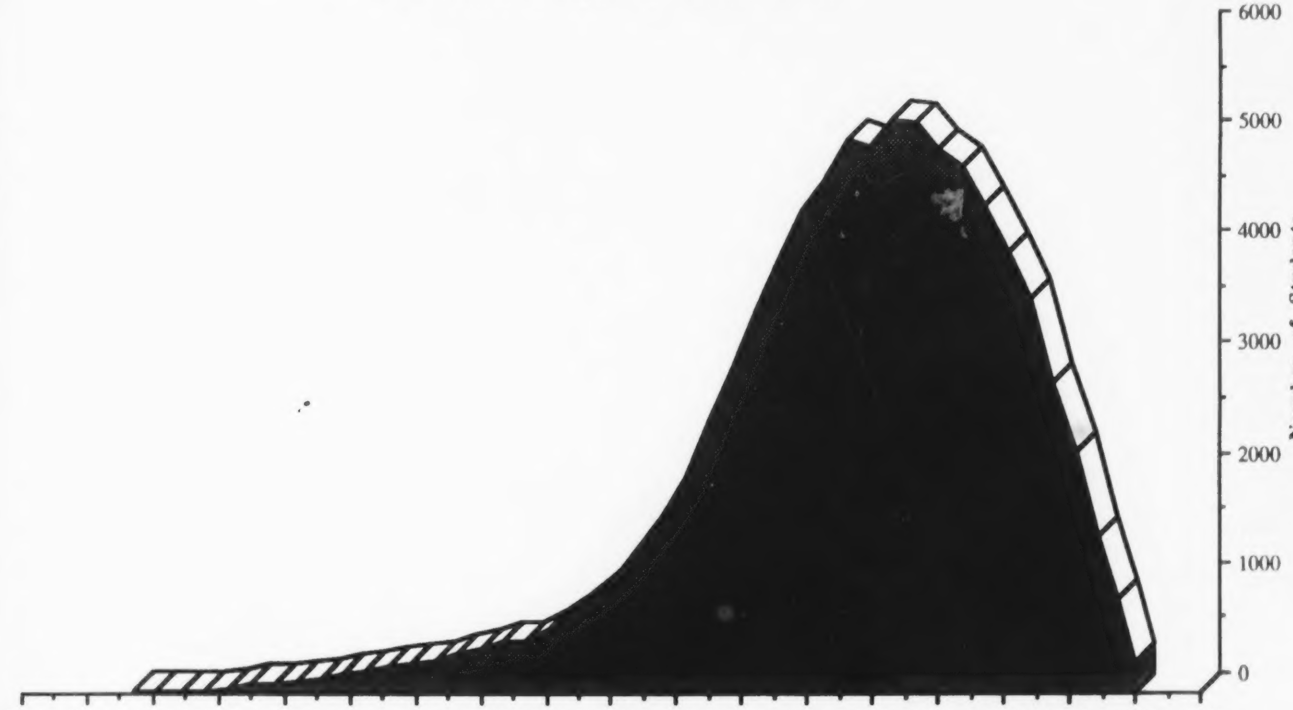
Figure 1
California Achievement Tests
Grade 3 Total Battery

1986 State Frequency Distribution



Mean=684.3 **Median=689.9** **N=79,849**

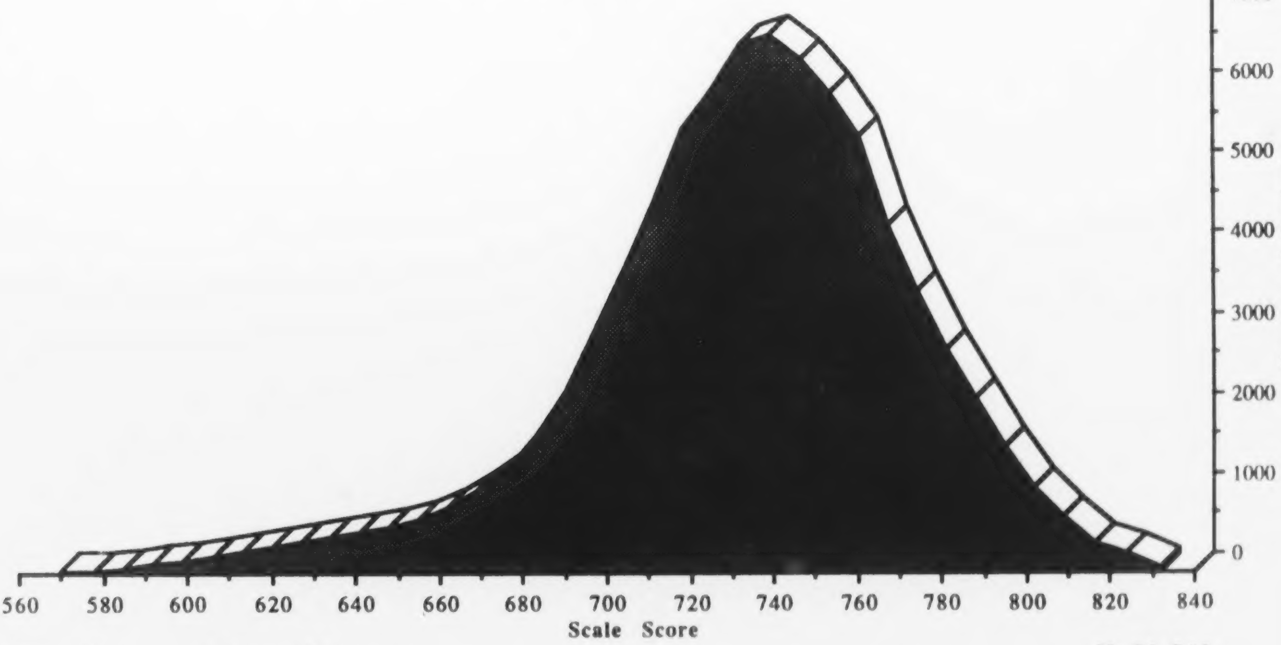
1990 State Frequency Distribution



Mean=691.2 **Median=696.8** **N=82,545**

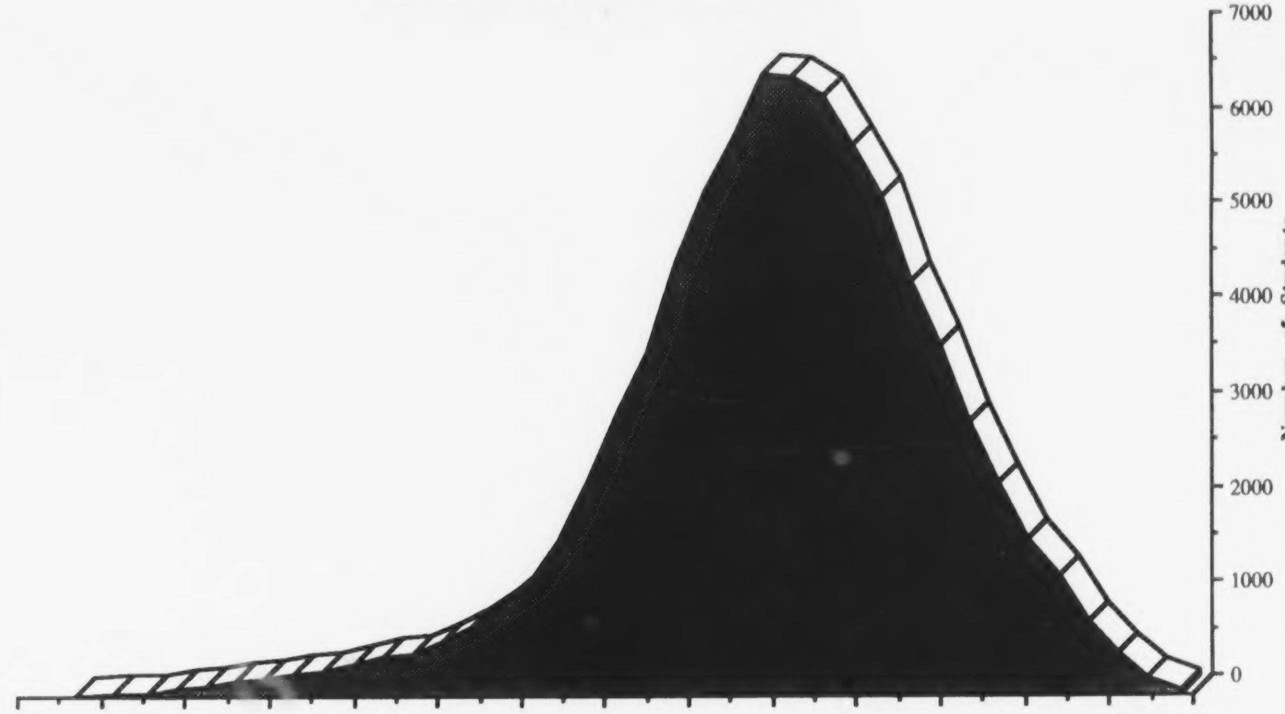
Figure 2
California Achievement Tests
Grade 6 Total Battery

1986 State Frequency Distribution



Mean=732.9 **Median=735.9** **N=81,562**

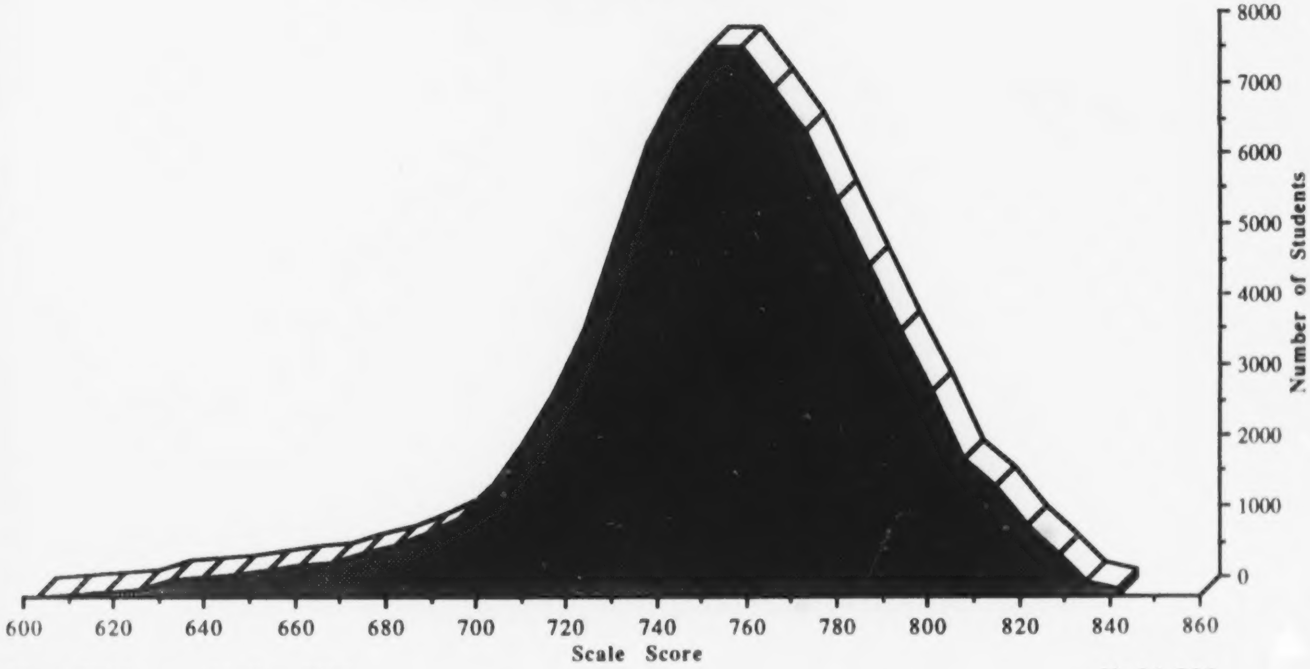
1990 State Frequency Distribution



Mean=738.1 **Median=740.2** **N=79,995**

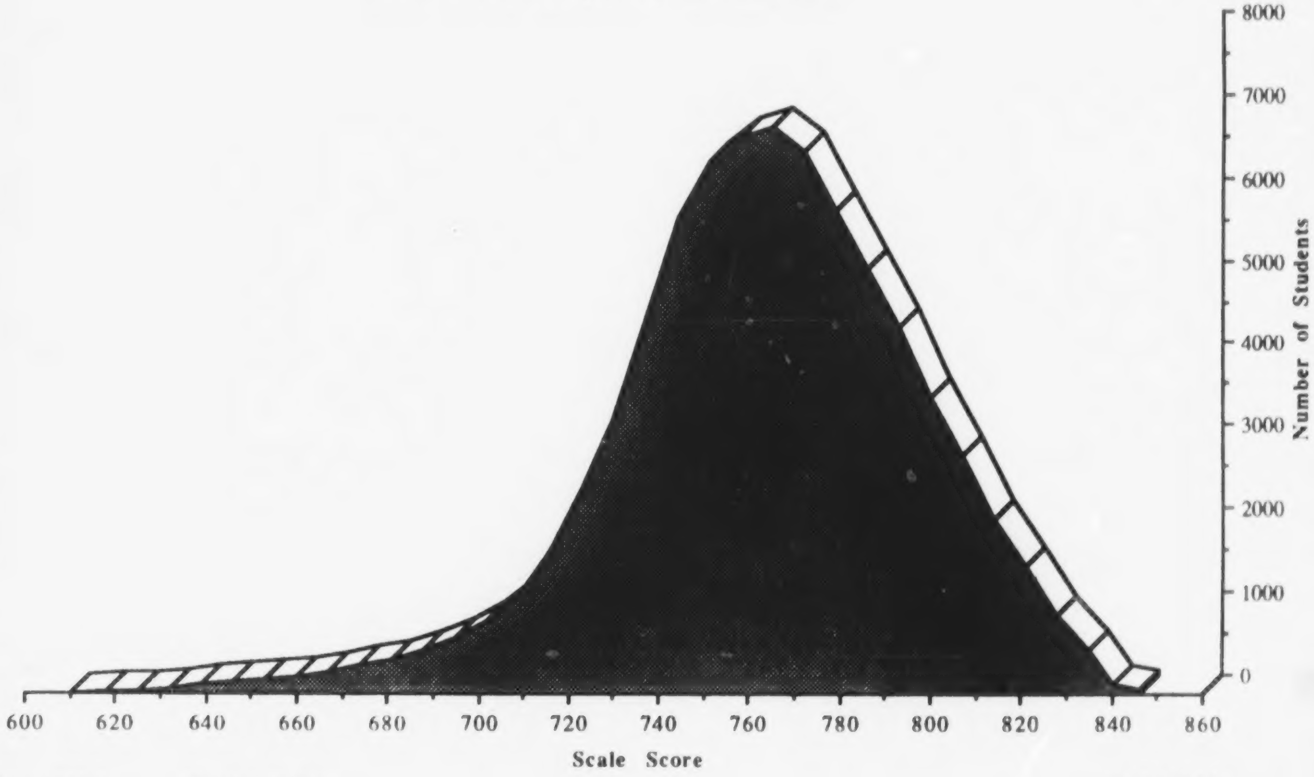
Figure 3
California Achievement Tests
Grade 8 Total Battery

1986 State Frequency Distribution



Mean=754.4 Median=756.2 N=86,807

1990 State Frequency Distribution



Mean=759.7 Median=760.8 N=76,564

Achievement Results Reported By Education Region

California Achievement Tests

As highlighted in the Introduction (page 2) and discussed in detail in Appendix D, there are different meanings that should be applied to scores based on the group means (grade mean equivalents) and medians (percentiles) reported throughout this publication. Readers are encouraged to interpret these statistical measures of central tendency carefully, particularly when they are isolated from other measures of performance for the entire group (e.g., plots of score distributions, standard deviations) or from descriptive data on the student population or local educational practices (e.g., proportion of EMH students, grouping patterns) that could influence these statistics. Technical assistance with the interpretation of the scores is available from the Division of Accountability Services staff based in Raleigh or the Regional Education Centers.

Table 9

REGION 1
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986-1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.6	3.7	3.7	3.7	3.9			0.3
6	6.5	6.6	6.7	6.7	6.7			0.2
8	8.5	8.6	8.7	8.8	9.0			0.5

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.1	4.5	4.5	4.5	5.0			0.9
6	8.0	8.1	8.1	8.2	8.3			0.3
8	9.4	9.8	9.9	9.8	10.2			0.8

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.0	4.0	4.0	4.1	4.5			0.5
6	7.1	7.2	7.1	7.2	7.4			0.3
8	9.1	9.2	9.5	9.4	10.0			0.9

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.7	3.8	3.9	3.8	4.4			0.7
6	6.9	7.1	7.0	7.1	7.3			0.4
8	8.8	9.0	9.2	9.2	9.7			0.9

---

[1] Results from administration of the California Achievement Tests, presented as grade equivalents; national averages equal the seventh month of each grade level (e.g., 3.7).

Table 10

REGION 2
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986-1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.7	3.7	3.8	3.9	4.1			0.4
6	6.7	6.7	6.9	6.9	6.9			0.3
8	8.6	8.7	8.8	8.8	9.1			0.5

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.2	4.5	4.8	4.9	5.1			0.9
6	7.9	8.1	8.2	8.2	8.3			0.4
8	9.2	9.4	9.6	9.8	10.0			0.8

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.9	4.0	4.2	4.3	4.5			0.6
6	6.9	7.1	7.2	7.1	7.4			0.5
8	8.7	9.0	9.1	9.1	9.4			0.7

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.8	3.9	4.1	4.2	4.4			0.6
6	6.9	7.1	7.2	7.2	7.4			0.5
8	8.7	9.0	9.1	9.1	9.4			0.7

---

[1] Results from administration of the California Achievement Tests, presented as grade equivalents; national averages equal the seventh month of each grade level (e.g., 3.7).

Table 11

REGION 3
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986–1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.8	4.0	4.1	4.2	4.3			0.5
6	6.8	6.8	6.8	6.9	7.1			0.3
8	8.7	8.7	9.1	9.1	9.4			0.7

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.8	4.9	5.0	5.0	5.1			0.3
6	8.2	8.1	8.3	8.3	8.4			0.2
8	9.6	9.6	10.0	9.9	10.2			0.6

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.3	4.2	4.4	4.4	4.7			0.4
6	7.3	7.4	7.3	7.4	7.6			0.3
8	9.3	9.3	9.7	9.7	10.0			0.7

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.2	4.2	4.4	4.4	4.6			0.4
6	7.3	7.3	7.3	7.4	7.7			0.4
8	9.1	9.1	9.5	9.5	9.8			0.7

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[1] Results from administration of the California Achievement Tests, presented as grade equivalents; national averages equal the seventh month of each grade level (e.g., 3.7).

Table 12

REGION 4
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986–1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.5	3.6	3.6	3.6	3.7			0.2
6	6.3	6.4	6.4	6.5	6.5			0.2
8	8.2	8.3	8.4	8.5	8.6			0.4

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.8	3.8	4.2	3.9	4.7			0.9
6	6.7	7.5	7.5	7.8	8.0			1.3
8	8.6	8.7	8.8	8.8	9.1			0.5

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.8	3.9	4.1	4.0	4.4			0.6
6	6.8	7.0	6.9	7.0	7.2			0.4
8	8.6	8.6	8.9	8.9	9.1			0.5

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.7	3.7	3.8	3.8	4.1			0.4
6	6.6	6.7	6.6	6.7	7.0			0.4
8	8.5	8.5	8.7	8.7	8.8			0.3

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[1] Results from administration of the California Achievement Tests, presented as grade equivalents; national averages equal the seventh month of each grade level (e.g., 3.7).

Table 13

REGION 5
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986–1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.2	4.2	4.3	4.3	4.4			0.2
6	7.0	7.1	7.2	7.3	7.3			0.3
8	9.1	9.1	9.4	9.5	9.6			0.5

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	5.0	5.0	5.0	5.0	5.1			0.1
6	8.3	8.3	8.4	8.5	8.5			0.2
8	9.9	9.9	10.2	10.3	10.6			0.7

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.4	4.3	4.5	4.5	4.7			0.3
6	7.2	7.3	7.4	7.5	7.7			0.5
8	9.2	9.2	9.5	9.7	10.0			0.8

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.4	4.4	4.4	4.4	4.6			0.2
6	7.4	7.4	7.6	7.7	7.9			0.5
8	9.2	9.2	9.7	9.7	10.0			0.8

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[1] Results from administration of the California Achievement Tests, presented as grade equivalents; national averages equal the seventh month of each grade level (e.g., 3.7).

Table 14

REGION 6
CALIFORNIA ACHIEVEMENT TESTS
ACHIEVEMENT RESULTS[1]
SPRING 1986–1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.7	3.7	3.7	3.8	3.8			0.1
6	6.7	6.8	6.9	7.1	7.0			0.3
8	8.6	8.7	8.8	9.0	9.2			0.6

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.3	4.5	4.6	4.9	4.9			0.6
6	8.0	8.2	8.3	8.4	8.4			0.4
8	8.9	8.9	9.6	9.6	10.0			1.1

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.0	4.0	4.1	4.3	4.4			0.4
6	7.1	7.2	7.2	7.4	7.6			0.5
8	8.8	8.9	9.3	9.3	9.7			0.9

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.8	3.8	3.9	4.2	4.2			0.4
6	7.1	7.2	7.3	7.6	7.6			0.5
8	8.7	8.8	9.1	9.2	9.5			0.8

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[1] Results from administration of the California Achievement Tests, presented as grade equivalents; national averages equal the seventh month of each grade level (e.g., 3.7).

Table 15

REGION 7
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986-1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	3.8	3.8	4.0	3.9	4.1			0.3
6	7.0	7.0	7.1	7.3	7.3			0.3
8	9.0	9.1	9.1	9.2	9.5			0.5

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.7	4.7	4.9	4.8	5.0			0.3
6	8.1	8.3	8.3	8.4	8.5			0.4
8	9.6	9.8	10.0	10.0	10.4			0.8

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.1	4.1	4.3	4.3	4.5			0.4
6	7.1	7.2	7.4	7.5	7.7			0.6
8	8.9	9.1	9.3	9.4	10.0			1.1

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.0	4.0	4.2	4.2	4.4			0.4
6	7.2	7.3	7.5	7.7	7.8			0.6
8	9.1	9.1	9.4	9.5	9.8			0.7

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[1] Results from administration of the California Achievement Tests, presented as grade equivalents; national averages equal the seventh month of each grade level (e.g., 3.7).

Table 16

REGION 8
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986-1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.4	4.3	4.4	4.4	4.7			0.3
6	7.3	7.3	7.3	7.5	7.5			0.2
8	9.1	9.2	9.5	9.6	9.8			0.7

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	5.0	5.0	5.1	5.1	5.3			0.3
6	8.1	8.3	8.4	8.5	8.6			0.5
8	9.8	9.6	10.0	10.3	10.4			0.6

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.6	4.5	4.8	4.8	5.0			0.4
6	7.2	7.5	7.6	7.8	8.0			0.8
8	9.1	9.2	9.5	9.8	10.2			1.1

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	4.6	4.4	4.7	4.6	4.9			0.3
6	7.4	7.6	7.8	7.9	8.0			0.6
8	9.2	9.2	9.5	9.8	10.1			0.9

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[1] Results from administration of the California Achievement Tests, presented as grade equivalents; national averages equal the seventh month of each grade level (e.g., 3.7).

Table 17

REGION 1
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986-1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	46	49	50	50	55			9
6	44	45	46	46	47			3
8	45	47	48	49	50			5

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	56	59	58	58	65			9
6	53	54	54	55	57			4
8	52	53	54	54	56			4

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	60	60	61	60	68			8
6	54	55	53	54	59			5
8	53	54	55	55	60			7

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	53	55	55	55	62			9
6	50	51	50	52	54			4
8	50	51	53	52	55			5

---

[1] Results from administration of the California Achievement Tests, presented as national percentile ranks; national averages equal the 50th percentile for each grade level. Percentile ranks indicate the percentage of students in the nation who were surpassed by the typical student in North Carolina.

Table 18

REGION 2
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986–1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	49	51	53	55	56			7
6	47	48	50	50	52			5
8	47	49	49	50	53			6

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	56	59	61	61	65			9
6	53	55	58	57	59			6
8	51	53	53	54	56			5

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	58	60	63	64	68			10
6	53	56	56	55	60			7
8	48	52	52	52	54			6

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	53	56	59	60	63			10
6	50	52	55	54	56			6
8	49	51	52	52	54			5

---

[1] Results from administration of the California Achievement Tests, presented as national percentile ranks; national averages equal the 50th percentile for each grade level. Percentile ranks indicate the percentage of students in the nation who were surpassed by the typical student in North Carolina.

Table 19

REGION 3
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986–1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	54	55	56	57	59			5
6	50	50	49	51	53			3
8	49	49	52	53	54			5

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	61	62	65	63	66			5
6	58	58	58	59	60			2
8	55	54	57	56	57			2

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	65	65	67	68	72			7
6	60	61	59	59	65			5
8	54	54	58	57	60			6

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	60	61	63	63	67			7
6	56	56	55	56	59			3
8	53	52	55	55	57			4

---

[1] Results from administration of the California Achievement Tests, presented as national percentile ranks; national averages equal the 50th percentile for each grade level. Percentile ranks indicate the percentage of students in the nation who were surpassed by the typical student in North Carolina.

Table 20

REGION 4
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986–1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	45	45	48	48	52			7
6	41	44	43	45	45			4
8	42	42	43	45	48			6

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	55	55	56	56	61			6
6	50	52	51	51	53			3
8	49	49	49	49	50			1

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	57	59	61	61	67			10
6	52	54	52	53	56			4
8	46	47	51	49	52			6

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	50	52	54	54	59			9
6	47	49	48	49	51			4
8	45	46	48	49	50			5

---

[1] Results from administration of the California Achievement Tests, presented as national percentile ranks; national averages equal the 50th percentile for each grade level. Percentile ranks indicate the percentage of students in the nation who were surpassed by the typical student in North Carolina.

Table 21

REGION 5
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986-1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	57	57	57	58	59			2
6	53	53	54	55	55			2
8	51	52	54	55	57			6

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	62	62	63	63	66			4
6	59	59	60	61	62			3
8	56	55	57	57	60			4

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	67	66	68	68	73			6
6	59	60	60	62	66			7
8	54	53	57	57	61			7

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	62	62	63	63	67			5
6	56	57	58	59	61			5
8	54	53	56	56	59			5

---

[1] Results from administration of the California Achievement Tests, presented as national percentile ranks; national averages equal the 50th percentile for each grade level. Percentile ranks indicate the percentage of students in the nation who were surpassed by the typical student in North Carolina.

Table 22

REGION 6
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986–1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	51	50	50	55	54			3
6	49	50	51	54	53			4
8	47	48	50	51	54			7

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	59	59	60	64	63			4
6	55	57	59	60	60			5
8	50	51	54	54	56			6

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	61	61	64	66	68			7
6	56	58	58	62	64			8
8	50	52	55	55	58			8

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	56	56	57	61	62			6
6	53	55	55	58	58			5
8	50	50	53	53	56			6

---

[1] Results from administration of the California Achievement Tests, presented as national percentile ranks; national averages equal the 50th percentile for each grade level. Percentile ranks indicate the percentage of students in the nation who were surpassed by the typical student in North Carolina.

Table 23

REGION 7
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986-1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	55	54	55	56	57			2
6	53	53	54	56	56			3
8	51	52	54	55	57			6

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	60	60	61	61	65			5
6	57	58	59	60	61			4
8	55	55	56	57	59			4

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	62	62	65	65	69			7
6	58	59	60	63	67			9
8	52	52	55	57	61			9

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	59	59	60	61	64			5
6	56	56	57	60	62			6
8	53	53	55	56	59			6

---

[1] Results from administration of the California Achievement Tests, presented as national percentile ranks; national averages equal the 50th percentile for each grade level. Percentile ranks indicate the percentage of students in the nation who were surpassed by the typical student in North Carolina.

Table 24

REGION 8
ACHIEVEMENT RESULTS[1]
CALIFORNIA ACHIEVEMENT TESTS
SPRING, 1986–1990

READING

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	61	60	62	61	64			3
6	56	57	58	60	59			3
8	55	55	56	58	59			4

LANGUAGE

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	65	64	66	65	69			4
6	56	60	59	61	63			7
8	57	56	57	59	59			2

MATHEMATICS

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	71	69	75	75	79			8
6	60	65	66	68	70			10
8	54	55	58	61	63			9

TOTAL BATTERY

GRADE	85-86	86-87	87-88	88-89	89-90	90-91	91-92	Gain
3	67	65	69	68	72			5
6	57	61	61	64	65			8
8	55	55	56	59	61			6

---

[1] Results from administration of the California Achievement Tests, presented as national percentile ranks; national averages equal the 50th percentile for each grade level. Percentile ranks indicate the percentage of students in the nation who were surpassed by the typical student in North Carolina.

Table 25

STATE

ACHIEVEMENT RESULTS
NORTH CAROLINA SCIENCE AND SOCIAL STUDIES TESTS

1987 EDITION, FORM B

SPRING, 1988

(STATE NORMS)

SCIENCE

Grade	N[1]	Interpolated Median Raw Score[2]	Corresponding Median State Percentile[3]	Rounded Median Raw Score[4]	Corresponding Median State Percentile[3]
3	80,485	37.03	50	37	50
6	77,055	38.37	50	38	49
8	79,899	35.38	50	35	48

SOCIAL STUDIES

Grade	N[1]	Interpolated Median Raw Score[2]	Corresponding Median State Percentile[3]	Rounded Median Raw Score[4]	Corresponding Median State Percentile[3]
3	80,621	40.70	50	41	51
6	77,194	39.61	50	40	51
8	80,118	37.59	50	38	51

---

[1] N = number of students tested.

[2] Median Raw Score = the score that separates the upper half of a score distribution from the bottom half. Exactly 50 percent of the group scored above the median raw score and 50 percent below.

[3] Median State Percentile = the percentage of students in North Carolina who scored below the median raw score value - - Spring, 1988.

[4] Interpolated Median Raw Score rounded to nearest whole number. Rounded raw score values are used to report test results on the Science and Social Studies Summary Reports (See Appendix C).

Table 26

STATE

ACHIEVEMENT RESULTS NORTH CAROLINA SCIENCE AND SOCIAL STUDIES TESTS

1987 EDITION, FORM B

SPRING, 1990

SCIENCE

Grade	N[1]	Interpolated Median Raw Score[2]	Corresponding Median State Percentile[3]	Rounded Median Raw Score[4]	Corresponding Median State Percentile[5]
3	82,420	38.26	50	38	54
6	79,922	39.35	50	39	52
8	76,162	36.35	50	36	52

SOCIAL STUDIES

Grade	N[1]	Interpolated Median Raw Score[2]	Corresponding Median State Percentile[3]	Rounded Median Raw Score[4]	Corresponding Median State Percentile[5]
3	82,479	42.87	50	43	58
6	79,962	40.05	50	40	51
8	76,289	38.03	50	38	51

---

[1] N = number of students tested.

[2] Median Raw Score = the score that separates the upper half of a score distribution from the bottom half. Exactly 50 percent of the group scored above the median raw score and 50 percent below.

[3] Median State Percentile = the percentage of students in North Carolina who scored below the median raw score value - - based on Spring, 1990 State raw score distributions.

[4] Interpolated Median Raw Score rounded to nearest whole number. Rounded raw score values are used to report test results on the Science and Social Studies Summary Reports (See Appendix C).

[5] Median State Percentile = the percentage of students in North Carolina who scored below the median raw score value- -based on Spring, 1988 State Percentile Norms Tables.

Table 27

STATE

ACHIEVEMENT RESULTS
NORTH CAROLINA SCIENCE AND SOCIAL STUDIES TESTS

1987 EDITION, FORM B

SPRING 1988 AND SPRING 1990

SCIENCE

Grade	Median Raw Score[1]				Mean Raw Score[2]			
	87-88	89-90	91-92	Gain	87-88	89-90	91-92	Gain
3	37.0	38.3		1.3	36.7	37.8		1.1
6	38.4	39.4		1.0	37.6	38.5		0.9
8	35.4	36.4		1.0	35.1	36.0		0.9

SOCIAL STUDIES

Grade	Median Raw Score[1]				Mean Raw Score[2]			
	87-88	89-90	91-92	Gain	87-88	89-90	91-92	Gain
3	40.7	42.9		2.2	40.0	41.9		1.9
6	39.6	40.0		0.4	38.7	38.9		0.2
8	37.6	38.0		0.4	36.9	37.3		0.4

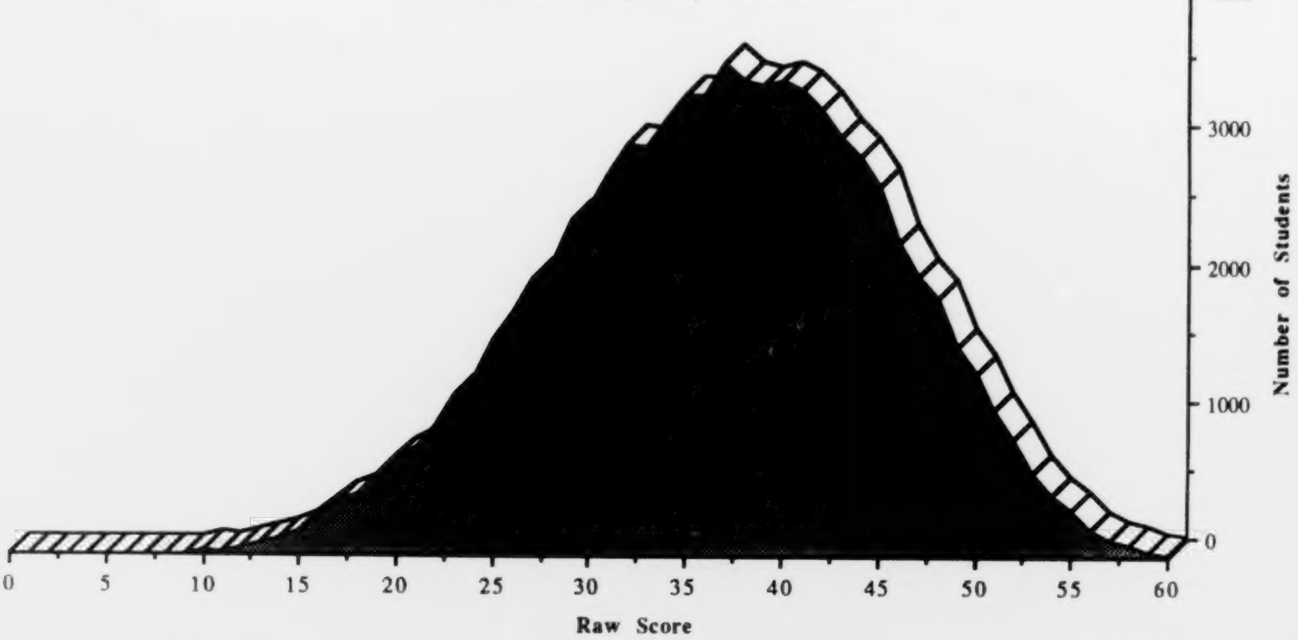
---

[1] Median Raw Score = the score that separates the upper half of a score distribution from the bottom half. Exactly 50 percent of the group scored above the median raw score and 50 percent below.

[2] Mean Raw Score = the numeric average derived by totaling all valid raw scores and dividing by the total number of valid scores (students).

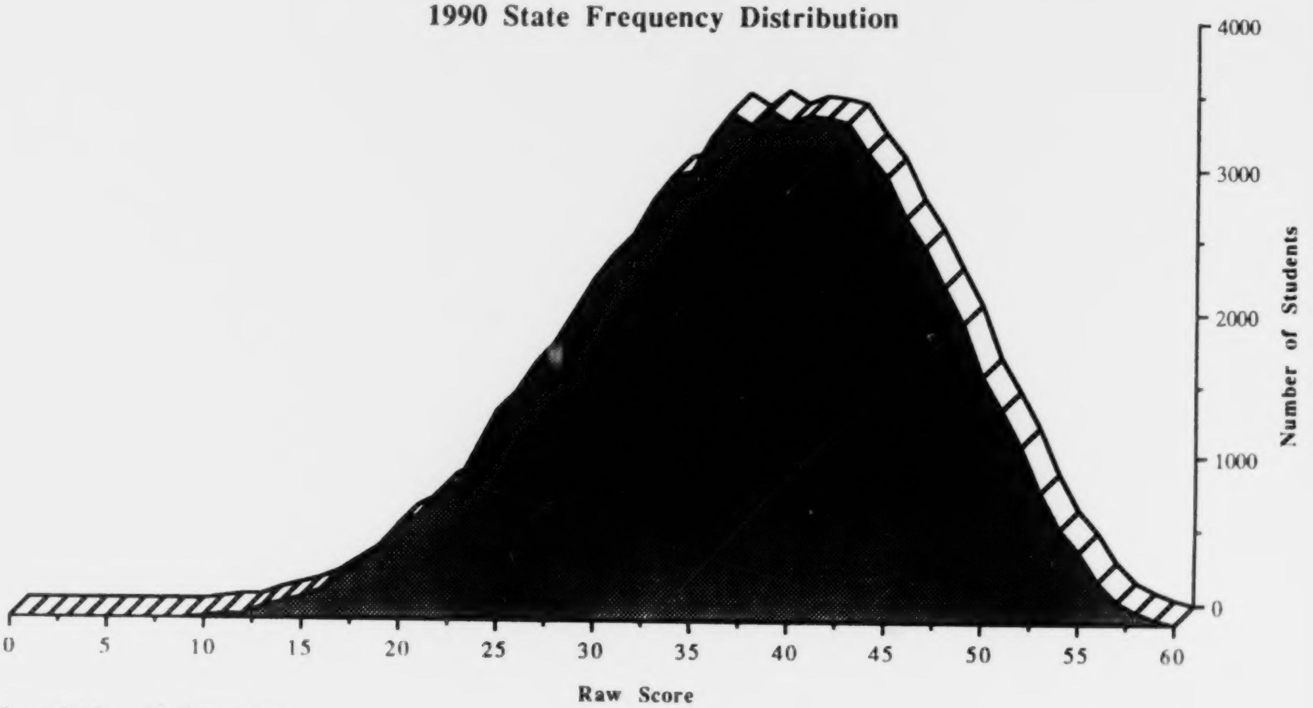
Figure 4
North Carolina Science Test, Form B
Grade 3 Total Score

1988 State Frequency Distribution



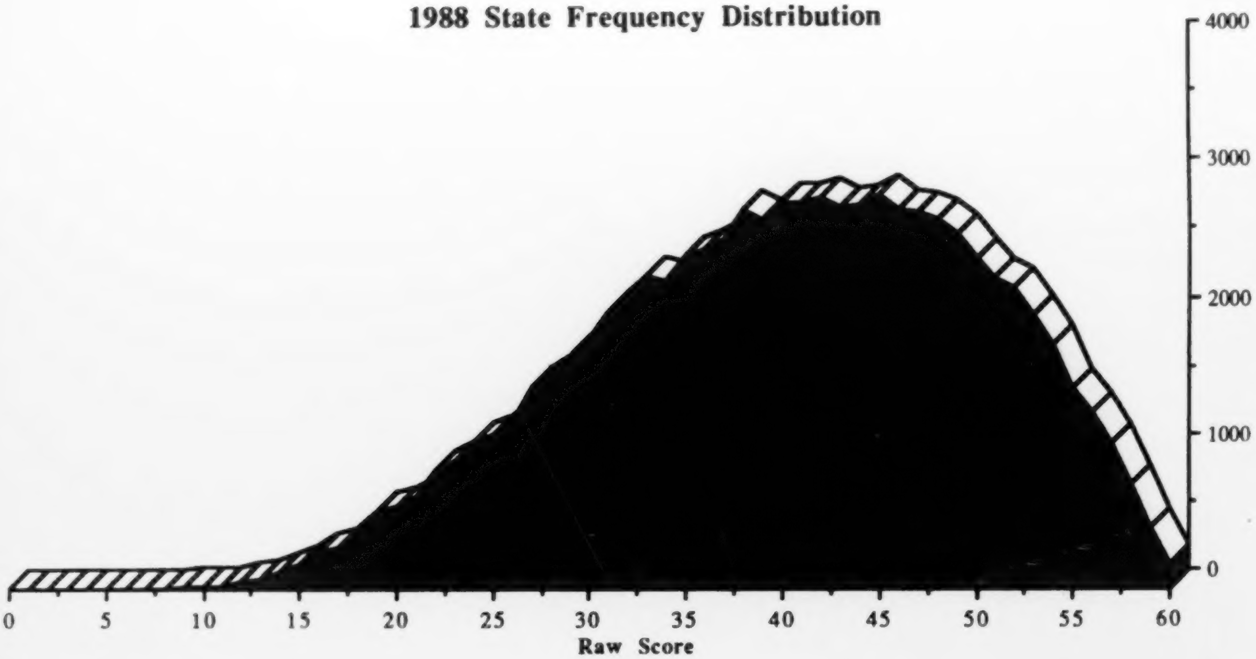
Mean=36.7 Median=37.0 N=80,485

1990 State Frequency Distribution

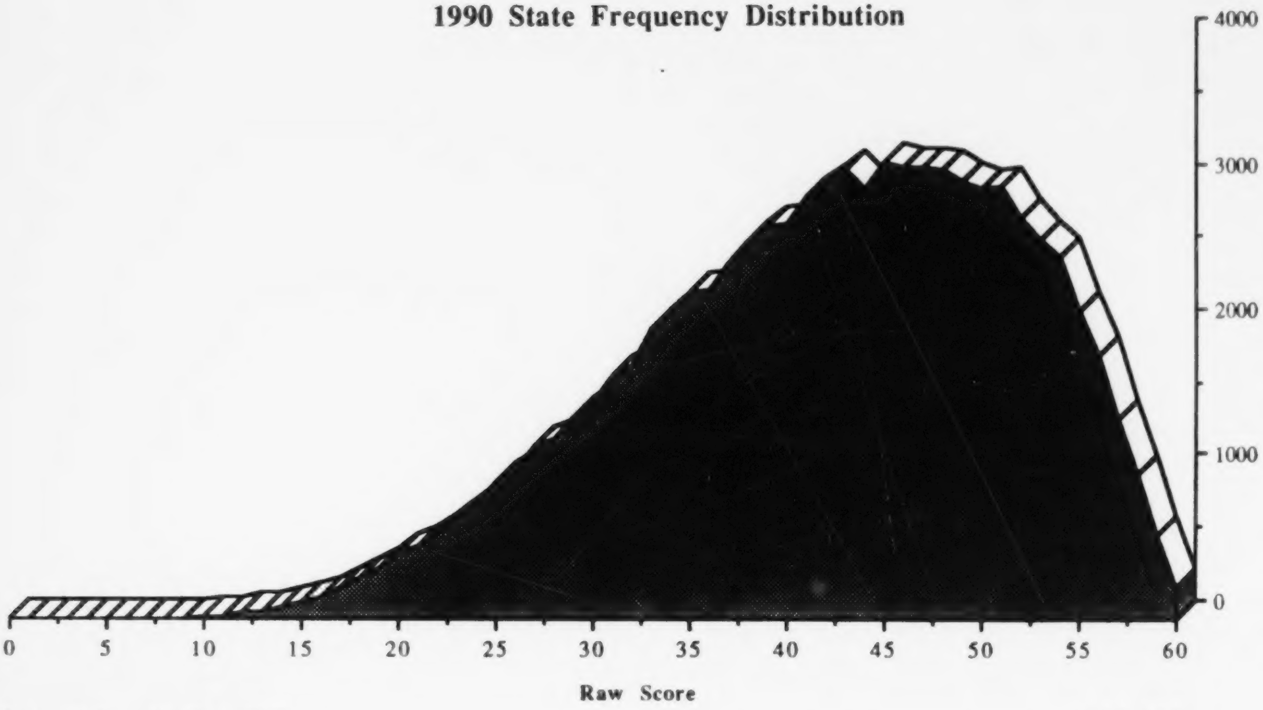


Mean=37.8 Median=38.3 N=82,420

Figure 5
North Carolina Social Studies Test, Form B
Grade 3 Total Score



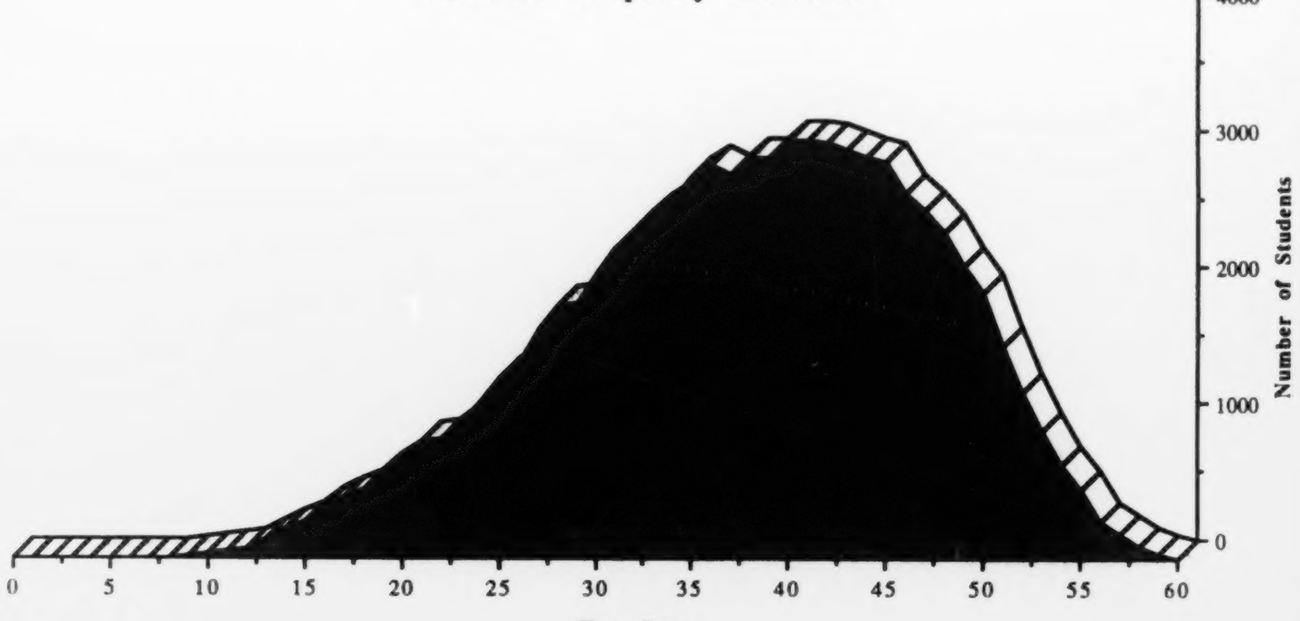
Mean=40.0 Median=40.7 N=80,621



Mean=41.9 Median=42.9 N=82,479

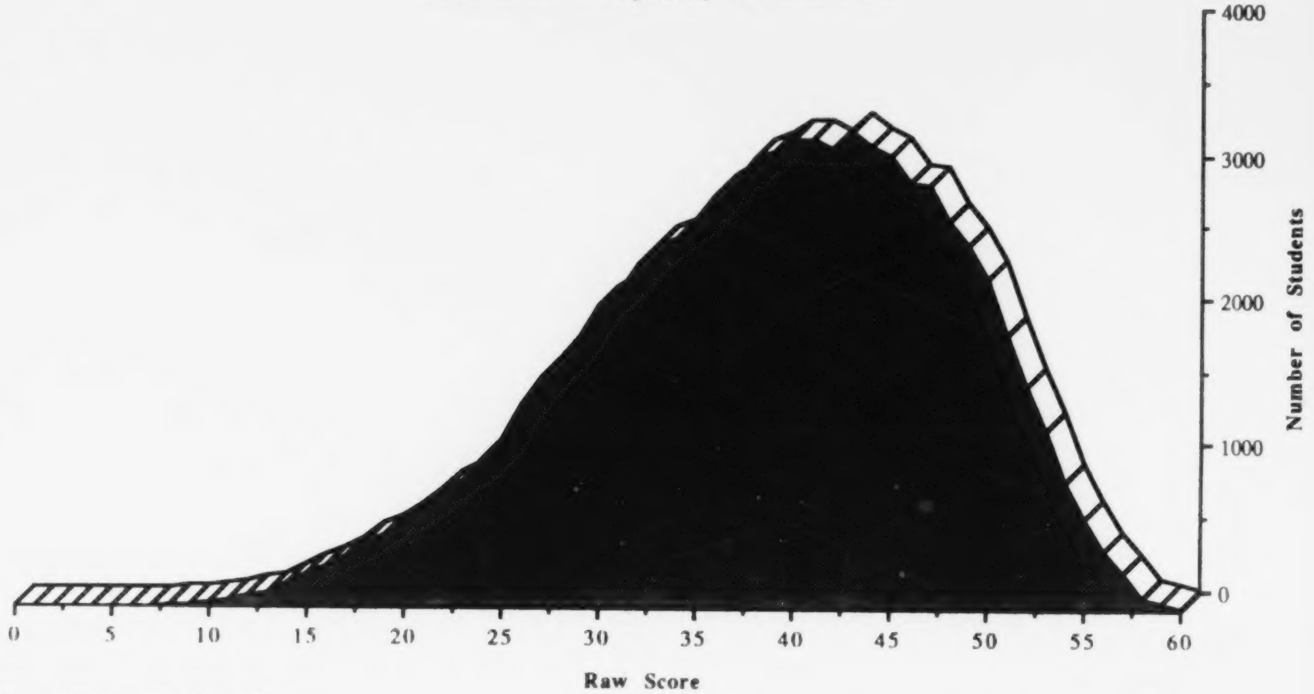
Figure 6
North Carolina Science Test, Form B
Grade 6 Total Score

1988 State Frequency Distribution



Mean=37.6 Median=38.4 N=77,055

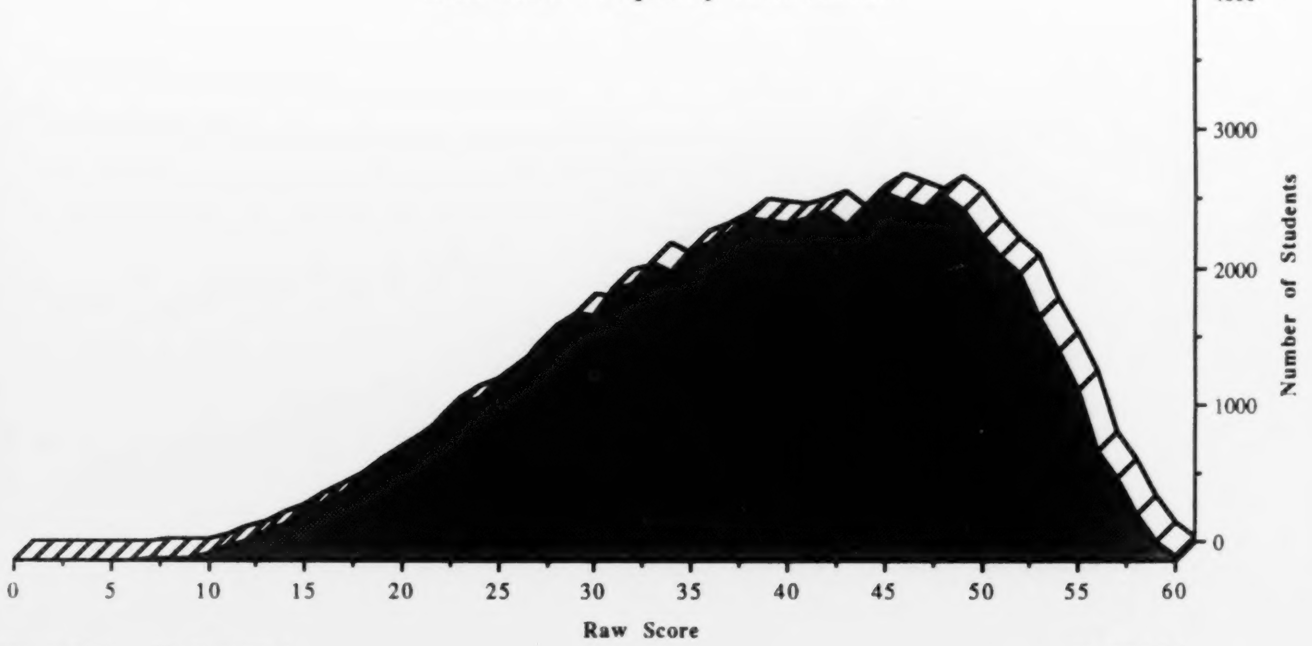
1990 State Frequency Distribution



Mean=38.5 Median=39.4 N=79,922

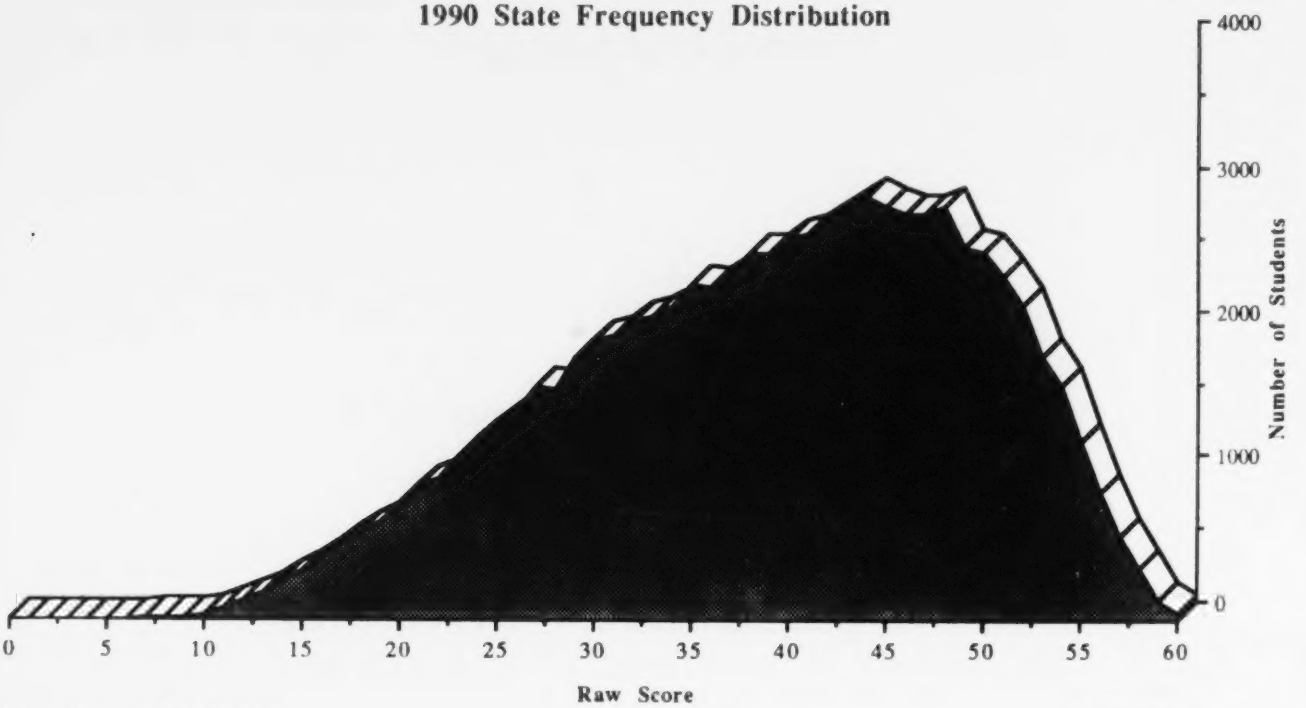
Figure 7
North Carolina Social Studies Test, Form B
Grade 6 Total Score

1988 State Frequency Distribution



Mean=38.7 Median=39.6 N=77,194

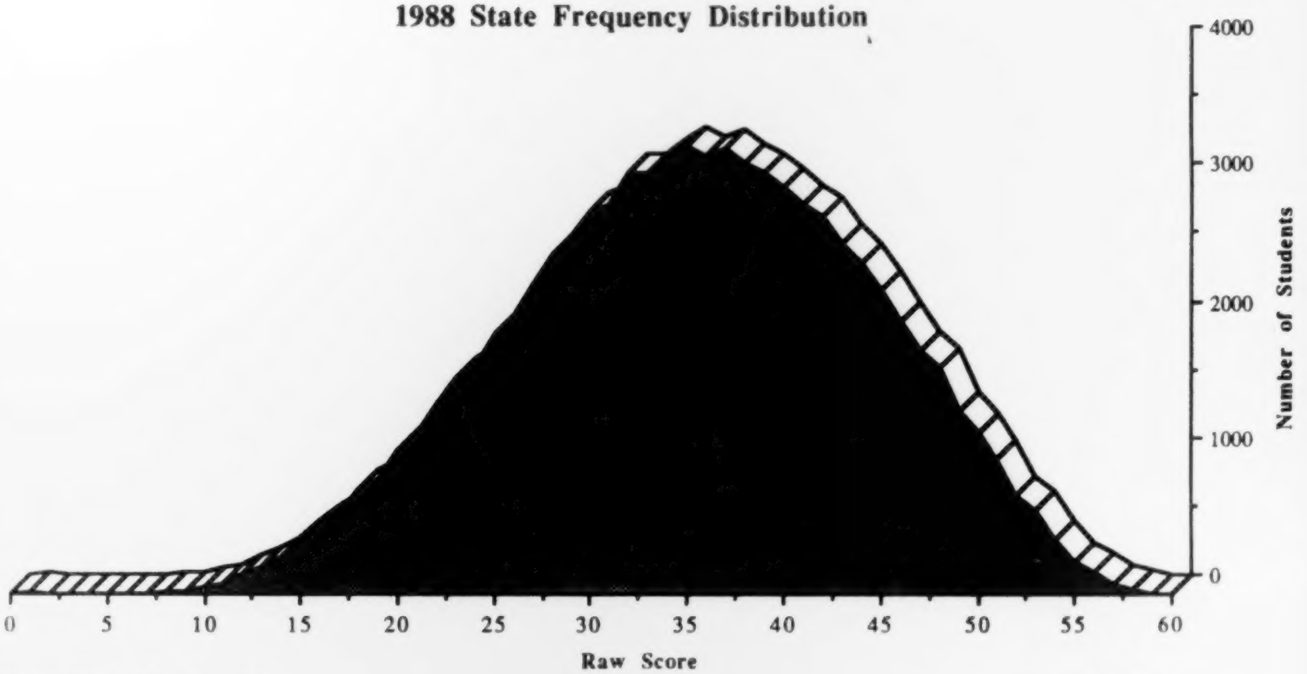
1990 State Frequency Distribution



Mean=38.9 Median=40.0 N=79,962

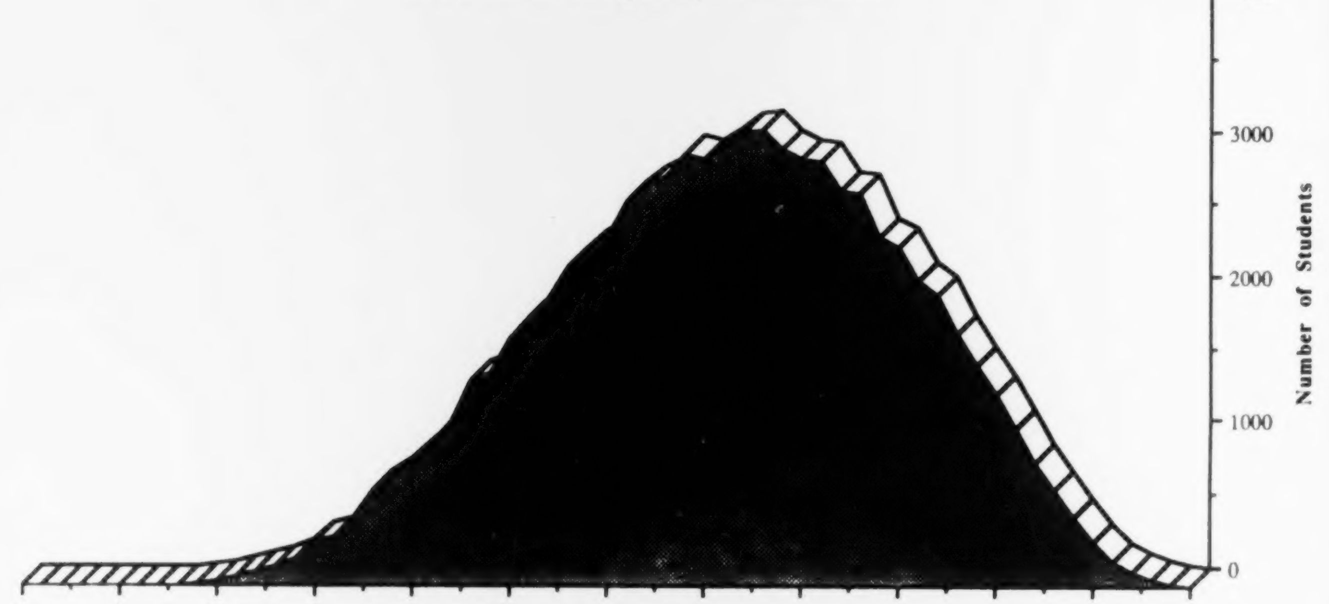
Figure 8
North Carolina Science Test, Form B
Grade 8 Total Score

1988 State Frequency Distribution



Mean=35.1 Median=35.4 N=79,899

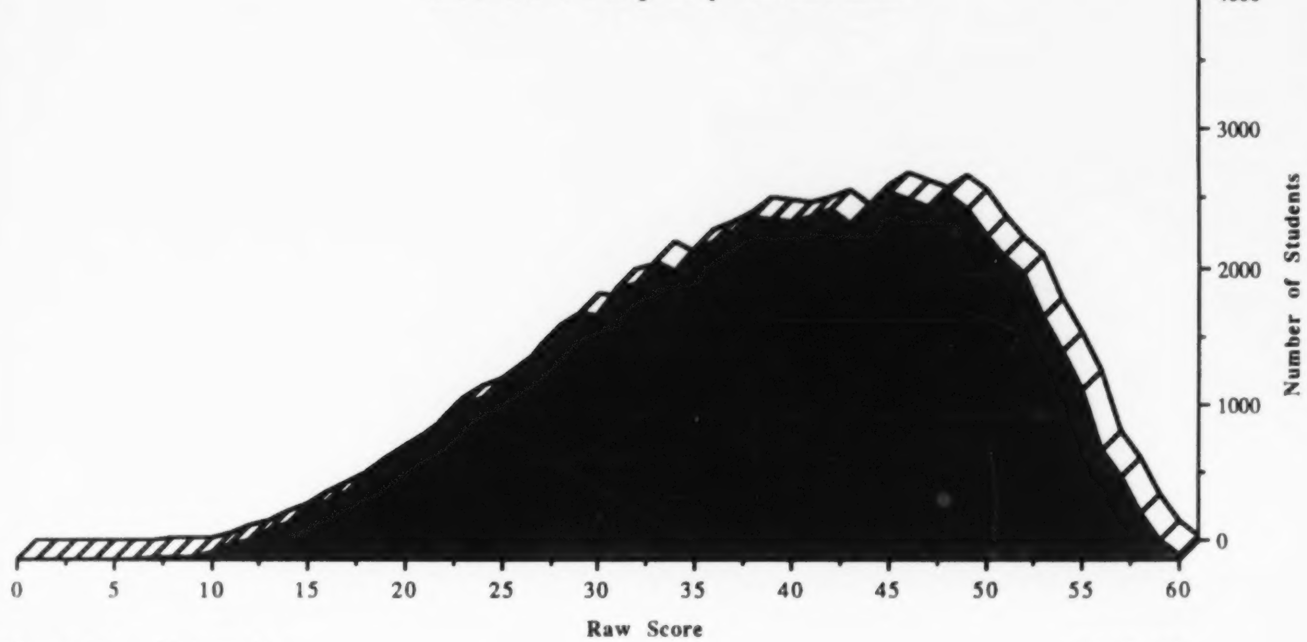
1990 State Frequency Distribution



Mean=36.0 Median=36.4 N=76,162

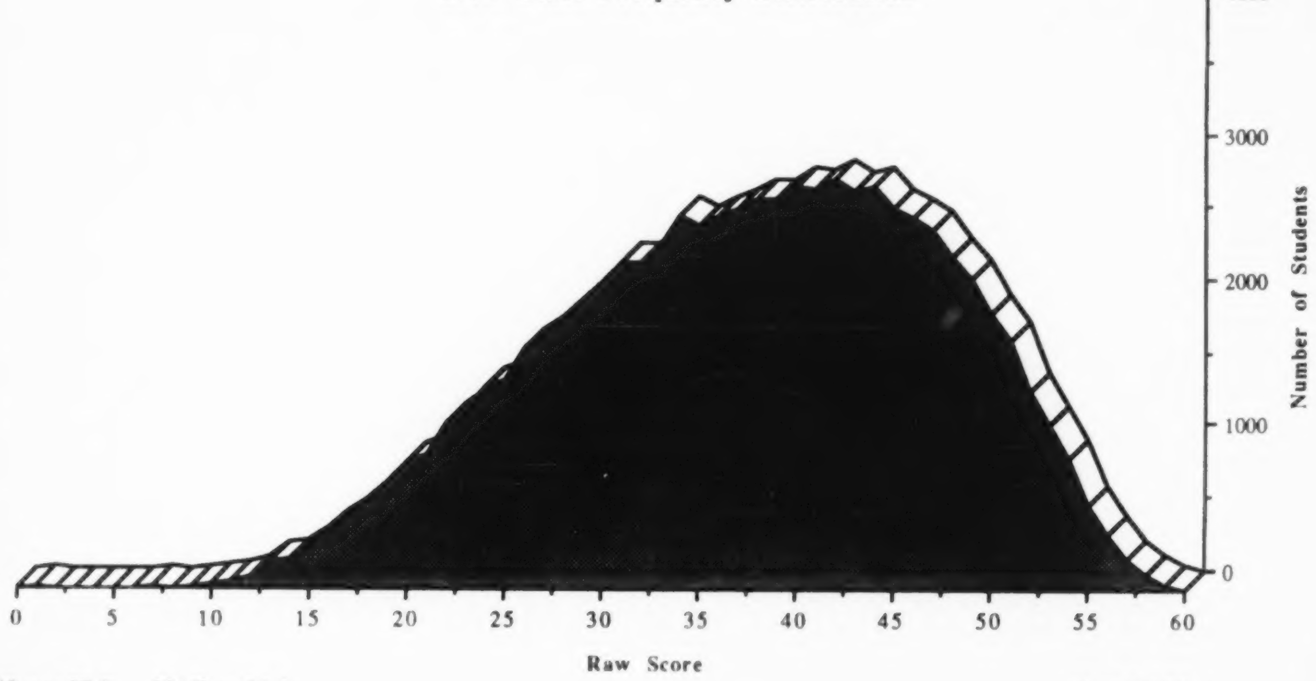
Figure 9
North Carolina Social Studies Test, Form B
Grade 8 Total Score

1988 State Frequency Distribution



Mean=38.7 Median=39.6 N=77,194

1990 State Frequency Distribution



Mean=37.3 Median=38.0 N=76,289

Table 28

REGIONS
GRADE 3

ACHIEVEMENT RESULTS
NORTH CAROLINA SCIENCE AND SOCIAL STUDIES TESTS
AVERAGE RAW SCORES
1987 EDITION, FORM B

SPRING 1988 AND SPRING 1990

SCIENCE

Region	Median Raw Score[1]				Mean Raw Score[2]			
	87-88	89-90	91-92	Gain	87-88	89-90	91-92	Gain
1	35.6	37.5		1.9	35.4	37.1		1.7
2	36.6	38.4		1.8	36.3	38.1		1.8
3	37.0	38.1		1.1	36.6	37.7		1.1
4	35.9	37.3		1.4	35.8	36.9		1.1
5	37.7	38.7		1.0	37.4	38.1		0.7
6	36.3	37.4		1.1	35.9	36.9		1.0
7	38.0	38.8		0.8	37.5	38.2		0.7
8	39.2	40.5		1.3	38.8	39.8		1.0
STATE	37.0	38.3		1.3	36.7	37.8		1.1

SOCIAL STUDIES

Region	Median Raw Score[1]				Mean Raw Score[2]			
	87-88	89-90	91-92	Gain	87-88	89-90	91-92	Gain
1	38.9	41.4		2.5	38.4	40.5		2.1
2	40.0	42.6		2.6	39.4	41.7		2.3
3	40.0	42.8		2.8	39.4	41.8		2.4
4	39.6	42.4		2.8	39.2	41.3		2.1
5	41.9	43.3		1.4	41.1	42.3		1.2
6	40.1	42.2		2.1	39.4	41.3		1.9
7	41.7	43.3		1.6	40.9	42.3		1.4
8	43.6	45.1		1.5	42.6	44.1		1.5
STATE	40.7	42.9		2.2	40.0	41.9		1.9

---

[1] Median Raw Score = the score that separates the upper half of a score distribution from the bottom half. Exactly 50 percent of the group scored above the median and 50 percent below.

[2] Mean Raw Score = the numeric average derived by totaling all raw scores and dividing by the total number of valid scores (students).

Table 29

REGIONS
GRADE 6

ACHIEVEMENT RESULTS
NORTH CAROLINA SCIENCE AND SOCIAL STUDIES TESTS
AVERAGE RAW SCORES
1987 EDITION, FORM B

SPRING 1988 AND SPRING 1990

SCIENCE

Region	Median Raw Score[1]				Mean Raw Score[2]			
	87-88	89-90	91-92	Gain	87-88	89-90	91-92	Gain
1	37.6	38.5		0.9	37.2	37.9		0.7
2	38.6	39.3		0.7	38.0	38.5		0.5
3	38.3	39.2		0.9	37.6	38.5		0.9
4	36.3	36.9		0.6	35.8	36.5		0.7
5	39.1	39.9		0.8	38.3	39.1		0.8
6	37.9	39.3		1.4	37.2	38.5		1.3
7	39.3	40.5		1.2	38.5	39.4		0.9
8	40.2	41.3		1.1	39.1	40.1		1.0
STATE	38.4	39.4		1.0	37.6	38.5		0.9

SOCIAL STUDIES

Region	Median Raw Score[1]				Mean Raw Score[2]			
	87-88	89-90	91-92	Gain	87-88	89-90	91-92	Gain
1	37.8	38.5		0.7	37.4	37.7		0.3
2	39.6	39.7		0.1	38.8	38.7		-0.1
3	39.2	39.6		0.4	38.4	38.6		0.2
4	36.9	37.3		0.4	36.6	36.6		0.0
5	40.8	41.3		0.5	39.7	40.0		0.3
6	39.4	40.1		0.7	38.4	39.0		0.6
7	41.0	41.3		0.3	39.7	39.8		0.1
8	42.0	42.1		0.1	40.6	40.7		0.1
STATE	39.6	40.0		0.4	38.7	38.9		0.2

---

[1] Median Raw Score = the score that separates the upper half of a score distribution from the bottom half. Exactly 50 percent of the group scored above the median and 50 percent below.

[2] Mean Raw Score = the numeric average derived by totaling all raw scores and dividing by the total number of valid scores (students).

Table 30

REGIONS
GRADE 8

ACHIEVEMENT RESULTS
NORTH CAROLINA SCIENCE AND SOCIAL STUDIES TESTS
AVERAGE RAW SCORES
1987 EDITION, FORM B

SPRING 1988 AND SPRING 1990

SCIENCE

Region	Median Raw Score[1]				Mean Raw Score[2]			
	87-88	89-90	91-92	Gain	87-88	89-90	91-92	Gain
1	34.8	36.4		1.6	34.9	36.0		1.1
2	35.1	36.2		1.1	34.8	35.8		1.0
3	35.6	36.1		0.5	35.4	35.8		0.4
4	33.5	34.4		0.9	33.5	34.3		0.8
5	36.0	36.9		0.9	35.8	36.5		0.7
6	35.1	36.4		1.3	34.9	36.0		1.1
7	36.1	37.1		1.0	35.7	36.7		1.0
8	36.6	37.8		1.2	36.2	37.3		1.1
STATE	35.4	36.4		1.0	35.1	36.0		0.9

SOCIAL STUDIES

Region	Median Raw Score[1]				Mean Raw Score[2]			
	87-88	89-90	91-92	Gain	87-88	89-90	91-92	Gain
1	36.6	36.5		-0.1	36.2	36.2		0.0
2	37.0	37.4		0.4	36.5	36.8		0.3
3	37.5	37.9		0.4	36.8	37.2		0.4
4	35.3	35.8		0.5	35.1	35.6		0.5
5	38.5	39.1		0.6	37.7	38.4		0.7
6	37.7	37.8		0.1	36.9	37.1		0.2
7	38.8	39.3		0.5	37.8	38.5		0.7
8	39.0	39.6		0.6	38.2	38.6		0.4
STATE	37.6	38.0		0.4	36.9	37.3		0.4

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[1] Median Raw Score = the score that separates the upper half of a score distribution from the bottom half. Exactly 50 percent of the group scored above the median and 50 percent below.

[2] Mean Raw Score = the numeric average derived by totaling all raw scores and dividing by the total number of valid scores (students).

Table 31

REGIONS
GRADES 3, 6, AND 8
ACHIEVEMENT RESULTS
NORTH CAROLINA SCIENCE TESTS
1987 EDITION, FORM B
MEDIAN STATE PERCENTILES[1]
SPRING 1988 AND SPRING 1990

Region	Grade Three				Grade Six				Grade Eight			
	87-88	89-90	91-92	Gain	87-88	89-90	91-92	Gain	87-88	89-90	91-92	Gain
1	46	50		4	49	49		0	48	52		4
2	50	54		4	52	52		0	48	52		4
3	50	54		4	49	52		3	52	52		0
4	46	50		4	41	45		4	44	44		0
5	54	59		5	52	56		4	52	57		5
6	46	50		4	49	52		3	48	52		4
7	54	59		5	52	60		8	52	57		5
8	59	63		4	56	60		4	57	61		4
STATE	50	54		4	49	52		3	48	52		4

---

[1] The 1988 Median State Raw Score for grade six (rounded to the nearest whole number) equals 38, which corresponds to a 1988 Median State Percentile of 49 (see Table 25). Interpolated Median Raw Scores, which correspond to the 50th state percentile are also present in Table 25. The 1988 rounded Median Raw Scores for grades three and eight are 37 and 35, which correspond to 1988 Median State Percentiles of 50 and 48, respectively. State Percentile Ranks indicate the percentage of students in the State who were surpassed by the typical student in the Region. Percentile Rank Scores reported for 1990 are based on the 1988 State Norm Tables.

Table 32

REGIONS
GRADES 3, 6, AND 8
ACHIEVEMENT RESULTS
NORTH CAROLINA SOCIAL STUDIES TESTS
1987 EDITION, FORM B
MEDIAN STATE PERCENTILES[1]
SPRING 1988 AND SPRING 1990

Region	Grade Three				Grade Six				Grade Eight			
	87-88	89-90	91-92	Gain	87-88	89-90	91-92	Gain	87-88	89-90	91-92	Gain
1	44	51		7	45	45		0	48	48		0
2	48	58		10	51	51		0	48	48		0
3	48	58		10	48	51		3	48	51		3
4	48	55		7	42	42		0	41	44		3
5	55	58		3	54	54		0	51	55		4
6	48	55		7	48	51		3	51	51		0
7	55	58		3	54	54		0	55	55		0
8	62	65		3	58	58		0	55	59		4
STATE	51	58		7	51	51		0	51	51		0

---

[1] The 1988 Median State Raw Score for grade three (rounded to the nearest whole number) equals 41, which corresponds to a 1988 Median State Percentile of 51 (see Table 25). Interpolated Median Raw Scores, which correspond to the 50th state percentile are also present in Table 25. The 1988 rounded Median Raw Scores for grades six and eight are 40 and 38, which correspond to 1988 Median State Percentiles of 51 and 51, respectively. State Percentile Ranks indicate the percentage of students in the State who were surpassed by the typical student in the Region. Percentile Rank Scores reported for 1990 are based on the 1988 State Norm Tables.

APPENDIX A

State Summary Reports (SIQ)

California Achievement Tests

Reproduced on the following pages are the state level summary reports which include student performance reported for each group of students as defined by the Student Information Questionnaire (e.g., ethnic origin, sex, parental education). While a number of trends in performance observed from earlier administrations of the CAT continue, such as the strong influence of parental education on achievement averages, the reader must keep in mind that while such identified variables may positively correlate with student performance, one cannot infer that parental education causes higher student achievement. This concept should be kept in mind as one examines the state reports for other score trends.

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

STATE

CTB ID

School System

School

001

SPRING
1990
Run Date

05/16/90

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
STATE AVERAGE (N= 82791)	687	56	690	56	683	4.1	689	57	54	693	72	693	58	690	5.0	696	65	59	710	72	693	66	701	4.6	703	71	61	691	4.4	697	65	58
NATIONAL NORM AVERAGE	678	50	680	50	674	3.7	680	50	50	673	50	683	50	676	3.7	681	50	50	686	50	675	50	681	3.7	681	50	50	678	3.7	682	50	50
TOTAL, LESS ALL HANDICAPPED STATE (N= 74181)	692	60	694	59	691	4.6	694	60	56	697	75	698	61	696	5.4	701	69	61	713	75	697	70	706	4.8	706	74	63	697	4.8	701	69	61

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

All entries represent appropriate averages derived through scale score.

1. Percentiles are derived from distributions of individual scores rather than distributions of group averages.

STUDENT INFORMATION QUESTIONNAIRE **SUMMARY REPORT**

STATE

CTB ID

School System

School

002
SPRING
1990
Run Date
05/16/90

		Reading									Language									Mathematics									Total Battery				
		[illegible]		Comprehension		Total Reading					Mech[illegible]		Expres[illegible]		Total Language					Computation		[illegible]		Total Mathematics									
		Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
**THE FOLLOWING GROUPS ARE BASED UPON INFORMATION CODED ON THE STUDENT INFORMATION QUESTIONNAIRE																																	
SEX																																	
MALE STATE	(N= 41923)	684	54	682	51	677	3.8	684	54	52	687	66	689	54	684	4.5	690	59	56	706	69	695	67	699	4.5	702	70	60	686	4.1	693	61	56
FEMALE STATE	(N= 40455)	689	58	696	60	689	4.5	694	60	56	700	77	698	61	697	5.5	702	70	62	713	75	692	65	703	4.7	704	72	62	696	4.8	701	69	60
ETHNIC ORIGIN																																	
AMERICAN INDIAN STATE	(N= 1234)	664	39	666	42	658	3.4	666	40	46	683	62	673	40	674	3.6	678	48	51	703	66	673	48	686	3.8	687	56	54	673	3.6	679	48	50
BLACK STATE	(N= 24905)	661	38	663	40	657	3.3	663	39	45	680	59	669	38	672	3.6	677	46	49	696	60	672	47	681	3.7	684	53	52	670	3.5	675	43	48
WHITE STATE	(N= 54703)	700	66	701	63	695	4.9	703	66	58	699	77	704	66	699	5.6	704	72	63	716	76	704	75	710	5.0	711	78	65	701	5.0	707	74	63
OTHER STATE	(N= 1329)	684	54	692	57	683	4.1	689	56	54	699	77	694	59	693	5.2	701	69	60	722	80	699	71	710	5.0	712	79	66	695	4.7	701	69	60

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All entries represent appropriate averages derived through scale score.

1 Percentiles are derived from distributions of individual scores rather than distributions of group averages.

Third Grade Report

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311590
3 | 590

STATE

CTB ID

School System

School

003

SPRING
1990
Run Date

05/16/90

ECIA CHAPTER I PROGRAM	Reading									Language									Mathematics									Total Battery				
	[illegible]		Compre-hension		Total Reading					[illegible]		[illegible]		Total Language					Computation		[illegible]		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
NO STATE (N= 70907)	695	63	697	60	691	4.6	698	63	57	698	76	700	63	696	5.4	702	70	61	714	75	699	71	706	4.8	708	76	64	697	4.8	704	71	61
YES, READING STATE (N= 8516)	637	24	642	29	635	2.9	640	26	37	668	44	652	29	657	3.0	661	33	41	683	48	659	35	669	3.4	672	41	46	654	3.1	657	29	40
YES, MATHEMATICS STATE (N= 636)	658	36	662	39	656	3.3	663	38	44	672	49	667	36	666	3.3	670	40	46	687	51	663	38	673	3.5	674	43	47	665	3.4	669	38	44
YES, READING/LANGUAGE STATE (N= 831)	627	20	630	24	625	2.7	630	21	34	667	43	645	26	652	2.8	658	30	40	680	45	656	33	665	3.3	669	38	44	647	2.9	653	27	37
YES, READING/MATHEMATICS STATE (N= 1138)	631	21	632	25	625	2.7	632	22	34	662	39	641	24	647	2.7	652	27	38	680	45	649	28	662	3.3	665	35	43	645	2.9	649	25	36
YES, OTHER STATE (N= 127)	664	40	665	41	653	3.3	661	38	44	681	60	669	38	667	3.4	678	48	48	704	67	679	54	686	3.8	693	61	55	669	3.5	680	49	48

00 65

66

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

A - Values represent appropriate averages derived through scale score. 1 - Percentiles are derived from distributions of individual scores rather than distributions of group averages.

CAT

Third Grade Report

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311590
311 | 590

STATE

CTB ID

School System

School

004

SPRING
1990
Run Date

05/16/90

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics					Total Battery				
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
PARENTAL EDUCATION LEVEL																																
EIGHTH GRADE OR LESS STATE (N= 1871)	633	22	636	27	624	2.7	635	24	35	664	41	643	25	647	2.7	655	29	39	680	45	654	32	660	3.2	668	38	44	644	2.9	653	27	38
8TH GRADE, NOT HS GRADUATE STATE (N= 11934)	649	31	653	35	644	3.1	652	32	41	672	49	661	32	662	3.2	667	37	45	689	53	665	40	672	3.5	677	46	48	659	3.2	666	35	43
FINISHED HIGH SCHOOL STATE (N= 36376)	679	51	682	51	676	3.7	682	52	51	689	68	687	53	686	4.7	691	60	56	705	68	687	61	695	4.3	697	65	58	686	4.1	690	58	55
SOME EDUCATION AFTER HS STATE (N= 30594)	714	75	714	72	711	5.6	716	75	64	709	83	717	74	710	6.6	715	83	69	725	82	716	84	722	5.4	723	85	71	714	5.7	720	84	70
STUDENT ABSENT RATE																																
0-7 DAYS STATE (N= 63193)	689	58	691	57	685	4.2	692	58	55	695	73	695	59	692	5.1	697	66	60	712	74	695	68	703	4.7	705	73	62	693	4.6	699	67	59
8-14 DAYS STATE (N= 14034)	684	54	688	55	680	3.9	686	55	53	689	68	691	56	687	4.8	692	61	57	704	67	690	63	696	4.3	698	66	59	687	4.2	693	61	56
15-21 DAYS STATE (N= 3431)	672	46	678	49	669	3.6	675	47	49	682	61	682	49	678	3.8	683	53	53	698	61	681	55	687	3.9	690	59	55	678	3.7	684	52	52
MORE THAN 21 DAYS STATE (N= 1091)	660	37	665	41	654	3.3	663	39	44	672	50	672	40	666	3.3	673	42	48	688	52	673	48	675	3.6	679	48	50	665	3.4	671	40	47

67

68

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All entries represent appropriate averages derived through scale score.

[1] Percentiles are derived from distributions of individual scores rather than distributions of group averages.

CAT Form E
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311590
590

STATE

CTB ID

School System

School

005

SPRING
1990
Run Date

05/16/90

	Reading				Total Reading					Language				Total Language					Mathematics				Total Mathematics					Total Battery				
	Vocabulary		Comprehension							Mechanics		Expression							Computation		Concepts Applications											
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
MIGRANT CHILD																																
YES STATE (N= 213)	659	36	665	41	651	3.2	664	39	43	670	46	665	35	663	3.2	669	39	46	695	58	672	47	681	3.7	684	53	52	665	3.4	673	42	46
NO STATE (N= 81105)	687	56	690	56	683	4.1	689	57	54	693	72	694	58	690	5.0	696	65	59	710	72	694	66	701	4.6	703	71	61	691	4.4	697	65	58
EXCEPTIONAL CHILD																																
GIFTED STATE (N= 5209)	760	93	752	90	752	8.3	758	94	81	732	94	745	90	734	9.9	737	95	84	757	93	756	95	756	7.6	759	97	87	747	8.3	750	98	89
MULTIPLE HANDICAPPED STATE (N= 120)	595	11	589	12	590	2.4	595	11	26	643	20	617	16	624	2.4	627	15	31	649	21	622	15	633	2.7	628	14	34	615	2.5	616	12	28
MENTALLY HANDICAPPED STATE (N= 472)	566	6	560	7	553	2.0	556	5	17	612	7	554	6	581	1.9	578	5	17	596	7	568	4	574	2.1	579	5	17	569	2.0	562	3	14
SPECIFIC LEARNING DISABILITY STATE (N= 4996)	611	15	612	17	604	2.5	612	15	30	654	30	624	17	633	2.6	640	20	34	672	37	644	25	651	3.0	659	30	40	630	2.7	636	19	32
NOT EXCEPTIONAL CHILD STATE (N= 68039)	688	57	690	57	686	4.3	690	57	54	694	72	694	59	693	5.2	697	66	60	710	72	694	67	703	4.7	703	71	62	694	4.6	698	66	59
EXCEPTIONAL CHILD NOT CODED STATE (N= 933)	671	45	674	46	666	3.5	673	45	48	679	58	679	45	674	3.6	682	51	51	692	56	678	53	682	3.7	685	54	53	674	3.6	680	49	51

70

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

All entries represent appropriate averages derived through scale score.

[1] Percentiles are derived from distributions of individual scores rather than distributions of group averages.

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311590
590

STATE

CTB ID

School System

School

006

SPRING
1990
Run Date

05/16/90

NUMBER OF GRADES REPEATED	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics									
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
NONE STATE (N= 66710)	697	64	698	61	694	4.8	699	64	58	699	77	701	64	698	5.5	703	71	63	715	76	700	72	708	4.9	710	77	65	700	5.0	705	72	62
ONE STATE (N= 14751)	641	27	645	30	636	2.9	644	28	38	668	44	654	30	656	3.0	662	34	42	686	51	662	38	669	3.4	675	44	47	653	3.1	661	32	41
TWO STATE (N= 468)	618	17	617	19	611	2.6	617	17	31	656	32	626	18	637	2.6	643	22	34	674	39	645	25	655	3.1	661	32	41	634	2.7	641	21	33
THREE STATE (N= 6)	*	*	*	*	613	2.6	*	*	31	*	*	*	*	648	2.8	*	*	38	*	*	*	*	667	3.4	*	*	45	642	2.8	*	*	36
MORE THAN THREE STATE (N= 0)																																
GRADES REPEATED NOT CODED STATE (N= 856)	668	42	671	45	661	3.4	669	43	47	676	55	675	42	671	3.5	680	49	50	693	57	678	53	680	3.7	686	55	52	671	3.5	678	47	49

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

All entries represent appropriate averages derived through scale score

[1] Percentiles are derived from distributions of individual scores rather than distributions of group averages.

STUDENT INFORMATION QUESTIONNAIRE | **SUMMARY REPORT**

311 590

STATE

CTB ID

School System

School

007

SPRING
1990
Run Date

05/16/90

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
REGION AVERAGES																																
REGION 1 (N= 4781)	685	55	683	52	680	3.9	686	55	53	697	75	689	54	690	5.0	696	65	58	710	72	689	63	699	4.5	700	68	60	690	4.4	694	62	57
REGION 2 (N= 9662)	687	56	689	55	683	4.1	689	56	54	693	71	693	58	691	5.1	696	65	59	708	71	692	65	700	4.5	700	68	61	691	4.4	695	63	58
REGION 3 (N= 13747)	690	59	692	57	686	4.3	692	59	55	694	72	695	59	691	5.1	697	66	59	711	73	696	68	703	4.7	704	72	62	693	4.6	699	67	59
REGION 4 (N= 10298)	680	51	681	51	675	3.7	682	52	51	693	71	687	53	686	4.7	692	61	57	708	70	687	61	697	4.4	699	67	59	686	4.1	691	59	56
REGION 5 (N= 14379)	691	59	694	59	688	4.4	693	59	56	693	71	697	60	692	5.1	697	66	59	711	73	696	69	703	4.7	705	73	62	694	4.6	699	67	60
REGION 6 (N= 15175)	682	53	686	54	678	3.8	685	54	52	693	71	691	56	688	4.9	694	63	58	708	70	690	64	697	4.4	700	68	60	688	4.2	694	62	57
REGION 7 (N= 8204)	687	56	691	57	683	4.1	689	57	54	692	70	694	58	690	5.0	696	65	58	707	69	694	67	699	4.5	701	69	60	690	4.4	696	64	58
REGION 8 (N= 6545)	697	64	698	62	692	4.7	699	64	57	694	73	700	63	695	5.3	701	69	61	718	77	702	74	710	5.0	712	79	65	699	4.9	705	72	62

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

entries represent appropriate averages derived through scale score

[1] Percentiles are derived from distributions of individual scores rather than distributions of group averages

CAT

California Achievement Tests
Form E Level 16
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Sixth Grade Report

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

311|591
311|591

STATE

001

SPRING
1990
Run Date

05/24/90

CTB ID School System School	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts & Applications		Total Mathematics					Total Battery				
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
STATE AVERAGE (N= 80475)	736	51	741	54	736	7.0	739	53	52	723	61	724	58	722	8.4	724	60	56	780	64	738	61	756	7.6	758	64	58	738	7.6	740	58	56
NATIONAL NORM AVERAGE	735	50	737	50	732	6.7	736	50	50	713	50	714	50	711	6.7	714	50	50	765	50	727	50	743	6.7	746	50	50	729	6.7	733	50	50
TOTAL, LESS ALL HANDICAPPED STATE (N= 73360)	740	54	743	58	741	7.4	742	56	54	726	64	727	60	727	8.8	727	63	58	782	67	741	64	761	7.9	761	67	61	743	8.0	743	62	58

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

All grades represent approximate averages derived through scale score. ¹ Percentiles are derived from distributions of individual scores rather than distributions of group averages.

CAT California Achievement Tests
Form E Level 16
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Sixth Grade Report

SUMMARY REPORT

311|591
311|591

STATE

CTB ID

School System

School

002

SPRING
1990
Run Date

05/24/90

**THE FOLLOWING GROUPS ARE BASED UPON INFORMATION CODED ON THE STUDENT INFORMATION QUESTIONNAIRE	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Application		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
SEX																																
MALE STATE (N= 41059)	737	52	737	50	734	6.9	737	51	51	716	54	717	53	714	7.8	717	52	52	772	56	736	59	752	7.3	754	58	56	733	7.1	736	53	53
FEMALE STATE (N= 39242)	736	51	744	59	739	7.3	740	54	53	730	69	729	62	730	9.2	730	66	60	786	71	739	62	761	7.9	762	68	61	743	8.0	744	64	58
ETHNIC ORIGIN																																
AMERICAN INDIAN STATE (N= 1378)	714	32	726	36	716	5.8	720	34	42	710	47	700	38	703	5.9	706	42	47	767	52	718	41	741	6.6	743	48	50	720	6.0	722	39	46
BLACK STATE (N= 24138)	714	32	727	38	718	5.9	721	35	42	711	47	705	42	705	6.1	708	43	47	767	52	718	41	740	6.5	742	47	49	721	6.1	723	40	46
WHITE STATE (N= 53425)	747	61	747	63	745	7.8	748	63	57	729	68	732	65	730	9.2	731	67	60	785	70	746	69	763	8.0	765	71	62	746	8.2	748	68	60
OTHER STATE (N= 1094)	737	52	744	59	739	7.3	742	56	54	733	72	732	65	732	9.6	733	69	61	796	82	749	73	772	8.7	773	80	67	748	8.4	749	69	61

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All entries represent appropriate averages derived through scale score.

1 Percentiles are derived from distributions of individual scores rather than distributions of group averages.

Sixth Grade Report

CAT California Achievement Tests
Form E Level 16
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311|591
311|591

003

SPRING
1990
Run Date
05/24/90

STATE

CTB ID

School System

School

ECIA CHAPTER I PROGRAM

	Reading Vocabulary Median Scale Score	Reading Vocabulary Median National Percentile[1]	Reading Comprehension Median Scale Score	Reading Comprehension Median National Percentile[1]	Total Reading Mean Scale Score	Total Reading Grade Mean Equivalent	Total Reading Median Scale Score	Total Reading Median National Percentile[1]	Total Reading Normal Curve Equivalent	Language Mechanics Median Scale Score	Language Mechanics Median National Percentile[1]	Language Expression Median Scale Score	Language Expression Median National Percentile[1]	Total Language Mean Scale Score	Total Language Grade Mean Equivalent	Total Language Median Scale Score	Total Language Median National Percentile[1]	Total Language Normal Curve Equivalent	Mathematics Computation Median Scale Score	Mathematics Computation Median National Percentile[1]	Mathematics Concepts/Applications Median Scale Score	Mathematics Concepts/Applications Median National Percentile[1]	Total Mathematics Mean Scale Score	Total Mathematics Grade Mean Equivalent	Total Mathematics Median Scale Score	Total Mathematics Median National Percentile[1]	Total Mathematics Normal Curve Equivalent	Total Battery Mean Scale Score	Total Battery Grade Mean Equivalent	Total Battery Median Scale Score	Total Battery Median National Percentile[1]	Total Battery Normal Curve Equivalent
NO STATE (N= 66792)	744	58	746	61	742	7.5	745	60	55	728	66	731	64	728	8.9	730	66	59	784	69	744	67	762	8.0	764	70	61	744	8.1	747	66	59
YES, READING STATE (N= 8186)	703	25	717	28	707	5.4	710	26	36	702	38	690	30	692	5.1	696	33	41	756	43	709	33	731	5.8	733	38	44	710	5.5	713	31	39
YES, MATHEMATICS STATE (N= 1364)	718	35	727	37	717	5.8	723	36	42	703	39	700	38	697	5.5	702	39	43	753	40	708	32	728	5.7	730	35	42	714	5.7	718	35	41
YES, READING/LANGUAGE STATE (N= 1383)	696	21	713	25	700	5.1	704	23	34	699	35	684	27	688	4.9	690	29	39	756	43	705	30	729	5.7	730	36	42	706	5.3	709	28	37
YES, READING/MATHEMATICS STATE (N= 2111)	695	21	712	24	698	5.0	704	22	33	694	30	679	24	683	4.3	686	26	37	747	35	696	25	720	5.4	721	27	38	700	5.0	703	24	35
YES, OTHER STATE (N= 169)	696	21	716	28	703	5.2	707	24	36	695	31	683	26	684	4.5	691	29	39	747	35	703	28	725	5.6	728	34	41	704	5.2	707	26	37

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[1] Percentiles are derived from distributions of individual scores rather than distributions of group averages.

CAT California Achievement Tests
Form E Level 10
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Sixth Grade Report

SUMMARY REPORT

004

SPRING
1990
Run Date

05/24/90

STATE

CTB ID

School System

School

	Reading Vocabulary Median Scale Score	Reading Vocabulary Median National Percentile[1]	Reading Comprehension Median Scale Score	Reading Comprehension Median National Percentile[1]	Total Reading Mean Scale Score	Total Reading Grade Mean Equivalent	Total Reading Median Scale Score	Total Reading Median National Percentile[1]	Total Reading Normal Curve Equivalent	Language Mechanics Median Scale Score	Language Mechanics Median National Percentile[1]	Language Expression Median Scale Score	Language Expression Median National Percentile[1]	Total Language Mean Scale Score	Total Language Grade Mean Equivalent	Total Language Median Scale Score	Total Language Median National Percentile[1]	Total Language Normal Curve Equivalent	Mathematics Computation Median Scale Score	Mathematics Computation Median National Percentile[1]	Mathematics Concepts Applications Median Scale Score	Mathematics Concepts Applications Median National Percentile[1]	Total Mathematics Mean Scale Score	Total Mathematics Grade Mean Equivalent	Total Mathematics Median Scale Score	Total Mathematics Median National Percentile[1]	Total Mathematics Normal Curve Equivalent	Total Battery Mean Scale Score	Total Battery Grade Mean Equivalent	Total Battery Median Scale Score	Total Battery Median National Percentile[1]	Total Battery Normal Curve Equivalent
PARENTAL EDUCATION LEVEL																																
EIGHTH GRADE OR LESS STATE (N= 2006)	697	22	714	26	700	5.1	706	23	35	695	31	682	26	683	4.3	688	28	38	747	35	703	28	721	5.4	725	31	40	701	5.0	706	25	36
8TH GRADE, NOT HS GRADUATE STATE (N= 10946)	709	29	722	32	711	5.6	715	30	39	704	40	695	35	695	5.3	699	36	43	758	44	713	37	732	5.9	736	40	45	712	5.6	717	34	41
FINISHED HIGH SCHOOL STATE (N= 31641)	729	45	736	47	730	6.6	733	46	48	719	57	717	52	715	7.9	718	53	52	774	59	731	54	750	7.2	752	56	55	732	7.0	734	51	51
SOME EDUCATION AFTER HS STATE (N= 33950)	755	69	753	71	753	8.4	755	71	61	736	75	743	74	740	10.7	740	76	64	793	79	755	79	772	8.7	774	81	68	755	9.0	757	77	65
STUDENT ABSENT RATE																																
0-7 DAYS STATE (N= 57084)	738	53	743	57	739	7.3	741	55	53	726	64	727	60	725	8.6	727	62	57	783	68	740	63	760	7.8	761	67	60	741	7.9	743	62	57
8-14 DAYS STATE (N= 15884)	735	50	739	52	734	6.9	737	51	51	720	58	719	54	717	8.0	720	55	53	774	59	734	57	751	7.2	754	59	56	734	7.2	736	54	53
15-21 DAYS STATE (N= 4538)	729	45	734	44	728	6.5	731	44	48	713	50	711	47	708	6.4	712	48	49	764	50	727	50	743	6.7	745	50	51	726	6.5	730	47	49
MORE THAN 21 DAYS STATE (N= 2147)	714	32	724	34	714	5.7	719	32	41	701	37	696	35	693	5.2	699	35	43	749	37	715	39	729	5.7	732	37	43	713	5.6	716	33	42

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[1] Percentiles are derived from distributions of individual scores rather than distributions of group averages

CAT California Achievement Tests
Form E Level 18
Published 1985

Sixth Grade Report

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311591
311591

005
SPRING
1990
Run Date
05/24/90

STATE

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts/Applications		Total Mathematics									
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
MIGRANT CHILD																																
YES STATE (N= 201)	711	31	724	34	714	5.7	717	31	41	706	42	695	34	697	5.5	699	36	44	764	50	714	38	739	6.4	738	42	48	716	5.8	718	35	44
NO STATE (N= 79587)	736	51	741	55	736	7.0	739	53	52	723	61	724	58	722	8.4	724	60	56	780	64	738	61	756	7.6	758	64	58	738	7.6	740	58	56
EXCEPTIONAL CHILD																																
GIFTED STATE (N= 9520)	788	90	775	92	784	12.9	784	91	79	761	93	784	93	776	12.9	776	94	83	816	95	785	96	805	12.9	802	97	86	788	12.9	788	96	86
MULTIPLE HANDICAPPED STATE (N= 56)	689	19	713	25	691	4.6	701	21	31	676	18	659	16	658	3.1	670	18	30	717	14	674	13	693	4.2	699	14	29	682	3.8	691	17	28
MENTALLY HANDICAPPED STATE (N= 626)	640	5	677	8	649	3.2	651	4	15	652	8	617	7	625	2.5	632	7	18	705	9	633	4	663	3.3	665	4	16	645	2.9	644	3	14
SPECIFIC LEARNING DISABILITY STATE (N= 4764)	685	17	703	19	688	4.4	693	17	30	685	23	664	17	667	3.4	673	18	32	736	26	695	24	712	5.0	715	23	35	689	4.3	693	18	31
NOT EXCEPTIONAL CHILD STATE (N= 62554)	734	49	739	52	735	6.9	737	51	51	722	60	721	56	720	8.3	722	58	54	778	62	735	58	754	7.4	756	61	57	736	7.4	738	56	54
EXCEPTIONAL CHILD NOT CODED STATE (N= 1286)	726	42	734	45	728	6.5	731	44	48	715	53	713	49	710	6.6	714	50	50	769	53	728	51	747	7.0	747	51	53	728	6.6	731	48	50
83																																

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CAT California Achievement Tests
Form E Level 16
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Sixth Grade Report

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311|591
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STATE

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School

006

SPRING
1990
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NUMBER OF GRADES REPEATED

	Reading: Vocabulary – Median Scale Score	Reading: Vocabulary – Median National Percentile[1]	Reading: Comprehension – Median Scale Score	Reading: Comprehension – Median National Percentile[1]	Total Reading – Mean Scale Score	Total Reading – Grade Mean Equivalent	Total Reading – Median Scale Score	Total Reading – Median National Percentile[1]	Total Reading – Normal Curve Equivalent
NONE STATE (N= 62427)	744	58	746	61	745	7.8	746	61	56
ONE STATE (N= 15008)	705	26	718	29	707	5.4	712	27	38
TWO STATE (N= 1660)	693	20	709	22	694	4.8	701	21	32
THREE STATE (N= 73)	690	19	710	23	693	4.8	699	20	32
MORE THAN THREE STATE (N= 3)	*	*	*	*	668	3.6	*	*	23
GRADES REPEATED NOT CODED STATE (N= 1304)	730	46	735	46	728	6.5	733	46	49

	Language: Mechanics – Median Scale Score	Language: Mechanics – Median National Percentile[1]	Language: Expression – Median Scale Score	Language: Expression – Median National Percentile[1]	Total Language – Mean Scale Score	Total Language – Grade Mean Equivalent	Total Language – Median Scale Score	Total Language – Median National Percentile[1]	Total Language – Normal Curve Equivalent
NONE STATE (N= 62427)	729	68	732	65	732	9.6	732	67	60
ONE STATE (N= 15008)	699	35	689	29	688	4.9	693	31	40
TWO STATE (N= 1660)	687	25	675	22	673	3.6	679	21	33
THREE STATE (N= 73)	683	22	672	20	667	3.4	674	19	31
MORE THAN THREE STATE (N= 3)	*	*	*	*	651	2.8	*	*	24
GRADES REPEATED NOT CODED STATE (N= 1304)	715	53	716	52	710	6.6	716	51	51

	Mathematics: Computation – Median Scale Score	Mathematics: Computation – Median National Percentile[1]	Mathematics: Concepts and Applications – Median Scale Score	Mathematics: Concepts and Applications – Median National Percentile[1]	Total Mathematics – Mean Scale Score	Total Mathematics – Grade Mean Equivalent	Total Mathematics – Median Scale Score	Total Mathematics – Median National Percentile[1]	Total Mathematics – Normal Curve Equivalent	Total Battery – Mean Scale Score	Total Battery – Grade Mean Equivalent	Total Battery – Median Scale Score	Total Battery – Median National Percentile[1]	Total Battery – Normal Curve Equivalent
NONE STATE (N= 62427)	786	72	745	68	765	8.2	766	71	63	747	8.3	748	68	60
ONE STATE (N= 15008)	752	39	708	32	726	5.6	730	36	42	707	5.3	712	30	39
TWO STATE (N= 1660)	740	30	697	25	715	5.2	718	25	36	694	4.6	699	21	32
THREE STATE (N= 73)	736	26	689	20	709	4.9	713	21	34	690	4.4	699	20	31
MORE THAN THREE STATE (N= 3)	*	*	*	*	699	4.5	*	*	27	673	3.6	*	*	23
GRADES REPEATED NOT CODED STATE (N= 1304)	768	53	729	52	747	7.0	748	52	54	729	6.7	733	50	51

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Sixth Grade Report

CAT

California Achievement Tests
Form E Level 16
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311591
311591

STATE

007

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts & Applications		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
REGION AVERAGES																																
REGION 1 (N= 4620)	733	48	736	47	732	6.7	734	47	50	723	61	720	55	720	8.3	722	57	55	778	62	732	55	753	7.4	754	59	56	735	7.3	736	54	54
REGION 2 (N= 9244)	735	50	739	52	735	6.9	738	52	52	722	60	723	57	721	8.3	723	59	55	777	61	734	57	753	7.4	755	60	57	736	7.4	738	56	55
REGION 3 (N= 13434)	736	51	741	54	737	7.1	739	53	52	724	62	724	58	722	8.4	724	60	56	780	65	739	62	757	7.6	759	65	59	739	7.7	741	59	56
REGION 4 (N= 10377)	728	44	736	47	729	6.5	732	45	49	719	57	718	53	716	8.0	718	53	53	775	59	730	53	750	7.2	752	56	55	732	7.0	734	51	52
REGION 5 (N= 14064)	740	54	743	57	740	7.3	741	55	54	725	63	726	59	724	8.5	726	62	57	781	65	740	63	759	7.7	760	66	60	741	7.9	742	61	57
REGION 6 (N= 13906)	736	51	741	55	736	7.0	739	53	52	723	61	724	58	722	8.4	724	60	56	780	65	738	61	756	7.6	759	64	58	738	7.6	740	58	55
REGION 7 (N= 8178)	740	54	743	58	739	7.3	742	56	54	724	62	726	59	723	8.5	725	61	56	781	66	740	63	758	7.7	761	67	59	740	7.8	743	62	57
REGION 8 (N= 6652)	743	57	746	61	742	7.5	745	59	55	725	64	728	61	725	8.6	728	63	57	785	70	745	68	762	8.0	764	70	62	743	8.0	745	65	58

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* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

All entries represent appropriate averages derived through scale score.

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CAT

Eighth Grade Report

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311592
311 592

STATE

001

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		[illegible]		Total Mathematics									
	Median Scale Score	Median National Percentile	Median Scale Score	Median National Percentile	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile	Normal Curve Equivalent	Median Scale Score	Median National Percentile	Median Scale Score	Median National Percentile	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile	Normal Curve Equivalent	Median Scale Score	Median National Percentile	Median Scale Score	Median National Percentile	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile	Normal Curve Equivalent
STATE AVERAGE (N= 77430)	767	55	759	54	762	9.2	763	54	52	729	58	743	56	736	10.2	737	57	54	805	60	760	56	781	9.7	782	58	56	760	9.7	761	56	54
NATIONAL NORM AVERAGE	762	50	757	50	758	8.7	760	50	50	722	50	736	50	726	8.7	730	50	50	796	50	754	50	772	8.7	775	50	50	753	8.7	755	50	50
TOTAL, LESS ALL HANDICAPPED STATE (N= 72023)	769	57	760	57	765	9.6	765	56	54	732	61	747	58	740	10.7	740	60	56	807	64	763	59	785	10.5	785	62	58	764	10.3	763	59	56

90

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All entries represent appropriate averages derived through scale score. : Percentiles are derived from distributions of individual scores rather than distributions of group averages.

CAT California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

[redacted]

311592
3'1' 592

STATE

CTB ID

School System

School

002
SPRING
1990
Run Date
05/24/90

**THE FOLLOWING GROUPS ARE BASED UPON INFORMATION CODED ON THE STUDENT INFORMATION QUESTIONNAIRE	Reading Vocabulary Median Scale Score	Reading Vocabulary Median National Percentile¹	Reading Comprehension Median Scale Score	Reading Comprehension Median National Percentile¹	Total Reading Mean Scale Score	Total Reading Grade Mean Equivalent	Total Reading Median Scale Score	Total Reading Median National Percentile¹	Total Reading Normal Curve Equivalent	Language Mechanics Median Scale Score	Language Mechanics Median National Percentile¹	Language Expression Median Scale Score	Language Expression Median National Percentile¹	Total Language Mean Scale Score	Total Language Grade Mean Equivalent	Total Language Median Scale Score	Total Language Median National Percentile¹	Total Language Normal Curve Equivalent	Mathematics Computation Median Scale Score	Mathematics Computation Median National Percentile¹	Mathematics Concepts & Applications Median Scale Score	Mathematics Concepts & Applications Median National Percentile¹	Total Mathematics Mean Scale Score	Total Mathematics Grade Mean Equivalent	Total Mathematics Median Scale Score	Total Mathematics Median National Percentile¹	Total Mathematics Normal Curve Equivalent	Total Battery Mean Scale Score	Total Battery Grade Mean Equivalent	Total Battery Median Scale Score	Total Battery Median National Percentile¹	Total Battery Normal Curve Equivalent
SEX																																
MALE STATE (N= 39077)	767	55	756	48	760	9.0	762	52	51	722	49	737	50	727	8.8	729	49	51	799	53	758	54	777	9.2	778	53	53	755	9.0	756	51	52
FEMALE STATE (N= 38160)	766	54	761	59	764	9.5	764	55	54	737	67	749	60	744	12.9	744	63	58	810	67	762	58	786	10.8	786	64	58	765	10.4	765	62	57
ETHNIC ORIGIN																																
AMERICAN INDIAN STATE (N= 1439)	743	31	747	33	743	7.6	745	30	40	715	42	718	35	714	7.8	716	37	44	791	44	741	36	765	8.2	766	39	46	740	7.8	743	35	43
BLACK STATE (N= 22784)	749	37	751	37	748	8.0	750	36	43	717	44	724	40	719	8.2	721	41	46	796	49	743	38	768	8.4	769	42	47	745	8.2	746	39	45
WHITE STATE (N= 51678)	776	63	763	61	769	10.3	770	63	57	735	65	753	63	743	12.8	745	65	58	809	66	769	66	788	11.6	789	67	59	767	10.8	768	65	59
OTHER STATE (N= 1126)	768	56	763	61	764	9.5	766	58	54	737	68	750	61	742	12.3	743	63	58	819	79	773	69	795	12.9	796	75	64	767	10.8	769	66	59

91

92

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All scores represent appropriate averages derived through scale score.

¹ Percentiles are derived from distributions of individual scores rather than distributions of group averages.

CAT

Eighth Grade Report

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

[redacted]

311592
311 592

STATE

003

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

ECIA CHAPTER I PROGRAM

ECIA CHAPTER I PROGRAM	Reading: Vocabulary: Median Scale Score	Reading: Vocabulary: Median National Percentile¹	Reading: Comprehension: Median Scale Score	Reading: Comprehension: Median National Percentile¹	Total Reading: Mean Scale Score	Total Reading: Grade Mean Equivalent	Total Reading: Median Scale Score	Total Reading: Median National Percentile¹	Total Reading: Normal Curve Equivalent
NO STATE (N= 67528)	772	59	761	59	766	9.8	767	59	55
YES, READING STATE (N= 4931)	737	26	743	27	737	7.1	740	25	35
YES, MATHEMATICS STATE (N= 1176)	748	36	746	31	744	7.7	748	33	40
YES, READING/LANGUAGE STATE (N= 1225)	735	24	742	26	736	7.0	739	24	35
YES, READING/MATHEMATICS STATE (N= 1710)	730	21	740	23	731	6.7	735	20	32
YES, OTHER STATE (N= 114)	730	21	737	20	726	6.4	733	19	31

ECIA CHAPTER I PROGRAM	Language: Mechanics: Median Scale Score	Language: Mechanics: Median National Percentile¹	Language: Expression: Median Scale Score	Language: Expression: Median National Percentile¹	Total Language: Mean Scale Score	Total Language: Grade Mean Equivalent	Total Language: Median Scale Score	Total Language: Median National Percentile¹	Total Language: Normal Curve Equivalent
NO STATE (N= 67528)	733	62	749	60	740	10.7	741	61	57
YES, READING STATE (N= 4931)	710	36	708	28	706	6.2	709	30	40
YES, MATHEMATICS STATE (N= 1176)	704	31	711	30	704	6.0	708	30	39
YES, READING/LANGUAGE STATE (N= 1225)	710	36	706	27	706	6.2	708	30	39
YES, READING/MATHEMATICS STATE (N= 1710)	700	28	700	23	696	5.4	700	24	35
YES, OTHER STATE (N= 114)	697	25	694	20	686	4.7	697	23	33

ECIA CHAPTER I PROGRAM	Mathematics: Computation: Median Scale Score	Mathematics: Computation: Median National Percentile¹	Mathematics: Concepts Applications: Median Scale Score	Mathematics: Concepts Applications: Median National Percentile¹	Total Mathematics: Mean Scale Score	Total Mathematics: Grade Mean Equivalent	Total Mathematics: Median Scale Score	Total Mathematics: Median National Percentile¹	Total Mathematics: Normal Curve Equivalent
NO STATE (N= 67528)	808	65	764	61	785	10.5	786	64	58
YES, READING STATE (N= 4931)	787	39	736	31	759	7.7	761	34	42
YES, MATHEMATICS STATE (N= 1176)	780	32	732	27	753	7.4	757	30	38
YES, READING/LANGUAGE STATE (N= 1225)	792	45	737	32	762	8.0	765	38	43
YES, READING/MATHEMATICS STATE (N= 1710)	777	31	726	22	750	7.2	751	25	36
YES, OTHER STATE (N= 114)	771	26	727	23	743	6.7	753	27	34

ECIA CHAPTER I PROGRAM	Total Battery: Mean Scale Score	Total Battery: Grade Mean Equivalent	Total Battery: Median Scale Score	Total Battery: Median National Percentile¹	Total Battery: Normal Curve Equivalent
NO STATE (N= 67528)	764	10.3	765	62	57
YES, READING STATE (N= 4931)	734	7.2	736	28	38
YES, MATHEMATICS STATE (N= 1176)	734	7.2	737	29	38
YES, READING/LANGUAGE STATE (N= 1225)	735	7.3	737	29	38
YES, READING/MATHEMATICS STATE (N= 1710)	726	6.5	728	22	33
YES, OTHER STATE (N= 114)	719	6.0	729	22	31

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CAT

California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Eighth Grade Report

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

STATE

LTB ID

School System

School

004

SP

Run

05/24

	Reading									Language								
	Vocabulary		[illegible]		Total Reading					Mechanics		Expression		Total Language				
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
PARENTAL EDUCATION LEVEL																		
EIGHTH GRADE OR LESS STATE (N= 1951)	736	25	743	27	735	6.9	739	24	36	703	30	705	26	698	5.5	704	27	38
8TH GRADE, NOT HS GRADUATE STATE (N= 9955)	743	31	747	32	742	7.5	746	31	39	712	38	715	33	709	6.5	714	35	42
FINISHED HIGH SCHOOL STATE (N= 28948)	760	48	755	46	756	8.6	758	47	48	725	53	735	49	728	8.9	730	50	51
SOME EDUCATION AFTER HS STATE (N= 33739)	785	70	767	69	776	11.8	776	71	61	741	72	762	70	752	12.9	753	72	63
STUDENT ABSENT RATE																		
0-7 DAYS STATE (N= 49608)	770	58	761	58	766	9.8	766	58	55	733	63	749	60	741	11.8	741	61	57
8-14 DAYS STATE (N= 16898)	765	53	758	51	760	9.0	761	51	51	727	55	739	52	731	9.4	733	53	52
15-21 DAYS STATE (N= 5774)	757	46	754	43	754	8.4	756	44	47	718	46	729	44	722	8.4	724	44	48
MORE THAN 21 DAYS STATE (N= 3984)	746	33	747	32	743	7.6	746	31	40	709	35	715	33	707	6.3	712	33	41

	Mathematics									Total Battery				
	Computation		[illegible]		Total Mathematics									
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
PARENTAL EDUCATION LEVEL														
EIGHTH GRADE OR LESS STATE (N= 1951)	778	31	732	27	752	7.3	755	28	39	728	6.6	732		
8TH GRADE, NOT HS GRADUATE STATE (N= 9955)	787	39	739	34	760	7.8	763	36	43	737	7.5	741		
FINISHED HIGH SCHOOL STATE (N= 28948)	800	55	754	50	775	9.0	776	51	52	753	8.7	754		
SOME EDUCATION AFTER HS STATE (N= 33739)	816	74	776	72	795	12.9	796	75	64	774	12.9	775		
STUDENT ABSENT RATE														
0-7 DAYS STATE (N= 49608)	810	67	764	61	786	10.8	787	65	59	764	10.3	765		
8-14 DAYS STATE (N= 16898)	800	55	757	53	778	9.3	779	54	53	756	9.1	757		
15-21 DAYS STATE (N= 5774)	792	44	750	45	768	8.4	770	43	48	748	8.4	750		
MORE THAN 21 DAYS STATE (N= 3984)	779	32	738	33	755	7.5	759	32	41	735	7.3	740		

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Eighth Grade Report

CAT California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311592
3 59

STATE

CTB ID

School System

School

005
SPRING
1990
Run Date
05/24/90

	Reading Vocabulary		Reading Comprehension		Total Reading					Language Mechanics		Language Expression		Total Language					Mathematics Computation		Mathematics Concepts Applications		Total Mathematics					Total Battery				
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
MIGRANT CHILD																																
YES STATE (N= 193)	747	35	749	35	745	7.8	747	32	41	714	41	721	38	712	7.0	719	39	43	791	44	742	37	764	8.1	767	40	45	740	7.8	744	37	42
NO STATE (N= 76409)	767	55	759	54	762	9.2	763	54	53	730	58	744	56	736	10.2	737	57	55	805	61	760	56	781	9.7	782	58	56	760	9.7	761	56	54
EXCEPTIONAL CHILD																																
GIFTED STATE (N= 7918)	823	93	780	90	804	12.9	803	92	80	772	92	804	92	790	12.9	791	94	82	844	95	807	93	826	12.9	827	95	84	806	12.9	807	96	85
MULTIPLE HANDICAPPED STATE (N= 26)	717	14	732	15	718	5.9	724	13	28	679	15	677	13	673	3.6	683	15	30	753	16	709	12	734	6.0	736	14	31	710	5.5	719	16	28
MENTALLY HANDICAPPED STATE (N= 636)	662	4	717	6	688	4.4	685	3	13	653	7	626	5	632	2.5	635	5	16	724	6	672	4	694	4.2	695	4	14	671	3.5	671	3	12
SPECIFIC LEARNING DISABILITY STATE (N= 3445)	716	14	731	14	721	6.1	724	13	28	686	19	679	14	676	3.7	682	15	29	759	19	717	17	736	6.2	739	16	31	711	5.5	714	13	27
NOT EXCEPTIONAL CHILD STATE (N= 62397)	764	52	758	52	761	9.1	761	51	51	728	56	741	54	734	9.9	735	55	53	803	59	758	54	780	9.5	781	56	54	758	9.4	759	54	53
EXCEPTIONAL CHILD NOT CODED STATE (N= 1708)	762	50	756	48	758	8.7	759	48	50	725	53	737	50	729	9.1	731	51	51	799	54	755	51	775	9.0	776	51	52	754	8.8	755	50	51

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Eighth Grade Report

CAT

California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311592

STATE

CTB ID

School System

School

006
SPRING
1990
Run Date
05/24/90

NUMBER OF GRADES REPEATED	Reading: Vocabulary Median Scale Score	Reading: Vocabulary Median National Percentile¹	Reading: Comprehension Median Scale Score	Reading: Comprehension Median National Percentile¹	Total Reading Mean Scale Score	Total Reading Grade Mean Equivalent	Total Reading Median Scale Score	Total Reading Median National Percentile¹	Total Reading Normal Curve Equivalent	Language: Mechanics Median Scale Score	Language: Mechanics Median National Percentile¹	Language: Expression Median Scale Score	Language: Expression Median National Percentile¹	Total Language Mean Scale Score	Total Language Grade Mean Equivalent	Total Language Median Scale Score	Total Language Median National Percentile¹	Total Language Normal Curve Equivalent	Mathematics: Computation Median Scale Score	Mathematics: Computation Median National Percentile¹	Mathematics: Concepts/Applications Median Scale Score	Mathematics: Concepts/Applications Median National Percentile¹	Total Mathematics Mean Scale Score	Total Mathematics Grade Mean Equivalent	Total Mathematics Median Scale Score	Total Mathematics Median National Percentile¹	Total Mathematics Normal Curve Equivalent	Total Battery Mean Scale Score	Total Battery Grade Mean Equivalent	Total Battery Median Scale Score	Total Battery Median National Percentile¹	Total Battery Normal Curve Equivalent
NONE STATE (N= 59665)	774	61	762	61	769	10.3	768	61	57	735	66	753	63	745	12.9	745	65	59	811	68	767	64	789	12.3	789	67	60	767	10.8	768	65	59
ONE STATE (N= 13922)	742	30	745	30	740	7.3	744	28	39	707	33	711	30	704	6.0	709	30	40	782	34	736	31	756	7.6	760	33	41	734	7.2	737	29	39
TWO STATE (N= 2194)	731	21	737	20	730	6.6	735	20	33	693	23	696	21	688	4.9	694	21	33	767	23	726	22	743	6.7	747	22	34	721	6.1	725	19	32
THREE STATE (N= 120)	723	17	736	19	721	6.1	729	16	28	688	20	688	16	679	3.8	688	18	30	757	18	712	13	732	5.9	735	14	28	712	5.6	721	17	27
MORE THAN THREE STATE (N= 10)	726	19	734	17	734	6.9	730	17	34	704	31	693	19	685	4.6	691	20	31	786	38	723	22	752	7.3	753	27	38	724	6.3	726	20	33
GRADES REPEATED NOT CODED STATE (N= 1519)	759	48	754	44	755	8.5	757	46	48	722	50	733	47	723	8.5	727	47	49	796	49	753	49	770	8.6	774	47	50	750	8.5	753	48	49

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CAT

California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

311|592
311|592

STATE

CTB ID

School System

School

007
SPRING
1990
Run Date
05/24/90

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics									
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
REGION AVERAGES																																
REGION 1 (N= 4367)	764	52	757	50	760	9.0	761	50	51	730	59	742	54	736	10.2	736	56	55	808	65	759	55	783	10.0	784	60	57	760	9.7	760	55	54
REGION 2 (N= 8954)	766	54	758	52	761	9.1	762	53	52	729	57	742	54	735	10.0	736	56	54	803	58	757	53	779	9.4	779	54	54	758	9.4	759	54	53
REGION 3 (N= 12647)	767	55	759	55	763	9.4	763	54	53	730	58	744	56	736	10.2	737	57	55	805	61	762	58	783	10.0	783	60	57	761	9.8	762	57	55
REGION 4 (N= 9979)	760	48	756	47	756	8.6	758	48	49	725	53	736	50	729	9.1	730	50	51	801	56	754	50	776	9.1	777	52	53	754	8.8	755	50	51
REGION 5 (N= 13555)	770	58	761	57	765	9.6	766	57	54	731	60	747	58	739	10.6	740	60	56	806	62	763	59	783	10.0	784	61	57	762	10.0	763	59	56
REGION 6 (N= 13489)	766	54	759	54	762	9.2	763	54	52	729	57	743	55	735	10.0	736	56	54	805	60	760	56	781	9.7	782	58	55	759	9.5	761	56	54
REGION 7 (N= 7862)	770	58	760	56	764	9.5	765	57	54	732	61	746	58	738	10.4	739	59	56	806	62	762	58	783	10.0	784	61	56	761	9.8	763	59	55
REGION 8 (N= 6577)	772	60	761	58	766	9.8	767	59	55	731	60	747	58	738	10.4	739	59	56	807	63	765	62	784	10.2	786	63	57	763	10.1	764	61	56

101

102

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[1] Percentiles are derived from distributions of individual scores rather than distributions of group averages.

APPENDIX B

Regional Summary Reports (LEAs)

California Achievement Tests

Third Grade Report

CAT

California Achievement Tests
Form E Level 13
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA
ANNUAL
TESTING PROGRAM
BASIC SKILLS

31159
311 59

REGION 1

1
007

SPRING
1990
Run Date

05/25/90

CTB ID

School System

School

SCHOOL SYSTEM AVERAGES	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
BEAUFORT CO (N= 293)	687	56	689	56	681	4.0	690	57	54	694	73	689	54	685	4.6	694	63	56	707	70	688	62	695	4.3	699	67	59	687	4.2	696	63	57
WASHINGTON (N= 287)	672	45	675	47	672	3.7	676	48	50	700	77	689	54	690	5.0	695	64	59	711	73	688	62	697	4.4	698	66	60	686	4.1	692	60	56
BERTIE COUNTY (N= 302)	676	48	675	47	672	3.7	674	46	50	691	70	679	45	682	4.2	687	57	54	708	70	681	56	695	4.3	693	61	58	683	3.9	687	55	54
CAMDEN COUNTY (N= 87)	737	86	700	63	715	5.7	716	75	66	732	95	721	76	717	8.0	725	89	74	731	85	713	81	724	5.5	721	84	71	718	5.9	722	85	72
CHOWAN COUNTY (N= 205)	682	52	674	46	673	3.7	681	51	51	695	73	685	51	685	4.6	692	61	56	706	69	678	53	690	4.0	692	61	57	683	3.9	690	58	54
CURRITUCK CO (N= 202)	697	64	692	57	693	4.8	698	63	56	700	77	694	58	698	5.5	700	68	62	726	82	704	75	717	5.2	718	82	69	702	5.1	706	73	63
DARE COUNTY (N= 277)	700	66	700	62	696	4.9	704	67	58	696	74	703	65	699	5.6	704	72	62	701	64	703	74	705	4.8	703	71	63	700	5.0	706	73	62
GATES COUNTY (N= 123)	696	64	677	48	684	4.2	685	54	53	706	81	693	57	699	5.6	703	71	62	717	77	695	68	708	4.9	709	76	64	697	4.8	700	68	60
HERTFORD CO (N= 277)	705	70	682	51	691	4.6	694	60	56	701	78	683	49	688	4.9	693	62	57	703	66	687	61	696	4.3	699	67	59	691	4.4	697	64	58
HYDE COUNTY (N= 74)	701	67	694	59	696	4.9	703	67	58	704	80	693	58	696	5.4	702	71	61	716	76	698	70	707	4.8	705	72	64	700	5.0	707	73	62
MARTIN COUNTY (N= 344)	663	39	673	46	662	3.5	670	43	47	693	71	684	50	683	4.3	691	60	56	716	76	675	50	695	4.3	695	63	59	680	3.8	685	53	53
PASQUOTANK CO (N= 466)	679	51	678	49	673	3.7	681	51	50	689	68	685	51	682	4.2	689	58	55	700	63	689	63	692	4.1	696	64	57	682	3.8	690	58	54
PERQUIMANS CO (N= 150)	680	51	677	48	679	3.8	680	50	52	701	78	686	52	690	5.0	694	63	58	731	85	702	73	716	5.2	722	84	68	695	4.7	695	63	60
PITT COUNTY (N= 1395)	690	58	687	55	685	4.2	689	56	54	701	78	692	56	693	5.2	698	67	60	710	72	692	65	701	4.6	702	70	61	693	4.6	697	65	59
TYRRELL CO (N= 75)	672	45	674	46	670	3.6	673	45	49	702	79	686	52	689	5.0	697	66	58	714	75	679	54	698	4.4	703	71	59	686	4.1	689	57	55
WASHINGTON CO (N= 224)	656	35	665	41	657	3.3	661	38	45	687	66	674	42	678	3.8	685	55	53	701	64	672	47	687	3.9	687	56	55	675	3.6	678	47	50

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¹ Percentiles are derived from distributions of individual scores rather than distributions of group averages

CAT

California Achievement Tests
Form E Level 16
Published 1985

Sixth Grade Report

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311591
311591

REGION 1

1
007

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	[illegible]		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		[illegible]		Total Mathematics					Total Battery				
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
SCHOOL SYSTEM AVERAGES																																
BEAUFORT CO (N= 284)	735	50	741	55	733	6.8	738	52	50	722	60	723	57	720	8.3	721	56	55	774	58	732	55	748	7.1	751	55	54	733	7.1	736	53	53
WASHINGTON (N= 302)	735	50	740	53	734	6.9	738	52	51	723	61	725	58	724	8.5	724	60	57	776	61	734	57	752	7.3	757	62	56	737	7.5	740	58	55
BERTIE COUNTY (N= 302)	724	40	726	36	723	6.2	724	38	45	717	55	708	44	711	6.7	711	46	50	773	57	722	45	747	7.0	746	50	53	727	6.6	725	42	49
CAMDEN COUNTY (N= 84)	745	59	744	59	746	7.8	745	61	57	738	77	734	66	739	10.6	738	74	64	798	84	748	71	770	8.6	774	80	67	751	8.6	752	72	63
CHOWAN COUNTY (N= 204)	716	34	729	39	721	6.1	723	36	45	715	53	714	50	710	6.6	715	51	50	771	56	722	45	744	6.8	746	50	52	725	6.4	728	45	48
CURRITUCK CO (N= 167)	737	52	740	54	739	7.3	739	53	53	731	70	726	59	731	9.4	728	64	59	779	63	731	54	754	7.4	752	56	56	741	7.9	741	59	56
DARE COUNTY (N= 223)	741	55	746	61	742	7.5	743	58	55	722	60	725	58	724	8.5	723	59	56	778	62	744	67	760	7.8	761	67	60	742	7.9	741	59	57
GATES COUNTY (N= 121)	747	61	738	51	741	7.4	744	59	54	731	70	728	61	730	9.2	734	70	59	772	57	736	59	751	7.2	753	57	55	741	7.9	744	64	57
HERTFORD CO (N= 292)	740	54	729	39	734	6.9	736	49	51	718	56	707	43	711	6.7	714	50	50	772	57	723	46	745	6.9	747	51	52	730	6.8	731	48	51
HYDE COUNTY (N= 58)	744	58	748	64	746	7.8	749	64	57	733	72	729	62	736	10.2	730	66	62	787	73	751	75	769	8.5	767	73	66	751	8.6	751	71	63
MARTIN COUNTY (N= 371)	729	45	737	50	731	6.7	734	47	50	728	66	720	55	722	8.4	726	62	56	780	65	729	52	752	7.3	755	59	56	735	7.3	737	55	54
PASQUOTANK CO (N= 446)	733	48	738	50	734	6.9	736	49	51	730	69	727	60	727	8.8	730	65	58	780	65	735	58	756	7.6	758	63	58	739	7.7	741	59	56
PERQUIMANS CO (N= 164)	728	44	736	48	728	6.5	731	44	48	728	67	719	54	718	8.1	723	59	54	759	45	730	53	745	6.9	745	49	51	730	6.8	734	51	51
PITT COUNTY (N= 1289)	731	47	735	46	731	6.7	733	46	49	721	59	719	54	719	8.2	720	55	54	780	65	735	58	756	7.6	757	62	58	735	7.3	736	54	54
TYRRELL CO (N= 78)	731	47	742	56	735	6.9	737	50	52	723	61	723	57	725	8.6	724	60	57	795	81	743	66	769	8.5	768	74	66	743	8.0	742	60	58
WASHINGTON CO (N= 235)	726	42	730	40	725	6.3	729	42	47	718	56	710	46	709	6.5	715	50	50	773	58	723	46	745	6.9	750	54	52	726	6.5	732	49	50

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CAT California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Eighth Grade Report

SUMMARY REPORT

NORTH CAROLINA [illegible] TESTING PROGRAM BASIC SKILLS

311592
3'1 592

REGION 1

1
007

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
SCHOOL SYSTEM AVERAGES																																
BEAUFORT CO (N= 326)	764	52	757	49	759	8.8	760	50	50	729	58	737	51	734	9.9	733	53	53	806	62	755	51	779	9.4	781	57	54	757	9.2	759	54	52
WASHINGTON (N= 304)	763	51	757	49	760	9.0	761	51	51	732	61	743	55	737	10.3	738	58	55	794	47	759	55	778	9.3	777	52	54	758	9.4	760	55	54
BERTIE COUNTY (N= 290)	765	53	754	44	760	9.0	760	50	50	735	64	736	50	737	10.3	737	57	55	809	66	749	44	780	9.5	780	55	54	759	9.5	760	55	53
CAMDEN COUNTY (N= 66)	785	70	761	58	770	10.4	771	65	58	738	69	760	69	747	12.9	751	71	60	839	94	775	71	804	12.9	806	85	70	774	12.9	775	73	63
CHOWAN COUNTY (N= 152)	770	58	760	57	764	9.5	766	57	54	745	76	758	67	751	12.9	754	73	62	813	71	767	64	787	11.2	790	68	59	768	11.2	769	66	59
CURRITUCK CO (N= 183)	772	59	759	54	766	9.8	764	55	55	729	58	739	52	734	9.9	736	56	53	805	60	765	62	783	10.0	784	61	56	761	9.8	763	59	55
DARE COUNTY (N= 205)	777	63	763	61	770	10.4	770	63	57	737	67	756	66	744	12.9	750	70	59	810	67	777	73	789	12.3	794	72	61	768	11.2	772	70	59
GATES COUNTY (N= 112)	753	41	747	32	749	8.1	751	37	44	714	41	720	37	718	8.1	718	39	47	794	47	752	48	768	8.4	771	45	48	745	8.2	745	38	46
HERTFORD CO (N= 291)	757	46	754	45	757	8.7	756	45	48	727	55	730	45	730	9.2	728	48	51	813	71	753	49	783	10.0	782	58	56	757	9.2	756	51	52
HYDE COUNTY (N= 67)	762	50	758	52	760	9.0	760	50	51	729	58	742	54	735	10.0	737	57	54	786	38	753	49	768	8.4	767	40	47	754	8.8	750	44	50
MARTIN COUNTY (N= 363)	764	52	760	56	761	9.1	761	51	51	731	60	747	58	740	10.7	739	59	56	807	64	754	50	781	9.7	780	55	55	760	9.7	760	55	55
PASQUOTANK CO (N= 365)	764	52	758	51	760	9.0	761	51	51	736	66	746	57	739	10.6	740	60	56	807	64	761	57	783	10.0	784	61	56	761	9.8	761	56	55
PERQUIMANS CO (N= 123)	763	51	759	53	761	9.1	763	54	52	727	55	743	55	735	10.0	737	57	54	805	60	762	58	783	10.0	783	59	56	760	9.7	760	55	54
PITT COUNTY (N= 1250)	763	51	757	49	760	9.0	760	50	51	727	55	741	53	735	10.0	735	55	54	809	66	760	56	784	10.2	784	61	57	760	9.7	759	54	54
TYRRELL CO (N= 57)	764	52	759	54	757	8.7	764	55	49	724	52	748	60	731	9.4	736	56	52	812	69	772	68	787	11.2	791	69	59	758	9.4	765	62	54
WASHINGTON CO (N= 213)	756	45	755	47	755	8.5	754	42	48	730	59	736	49	732	9.6	735	55	53	816	75	770	67	792	12.9	793	71	62	760	9.7	760	55	54

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CAT

California Achievement Tests
Form E Level 13
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Third Grade Report

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

311|590
311|590

REGION 2

2
007

SPRING
1990

CTB ID

Run Date
05/25/90

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics									
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
SCHOOL SYSTEM AVERAGES																																
BRUNSWICK CO (N= 619)	678	50	689	55	674	3.7	685	54	51	695	73	690	55	688	4.9	696	65	58	701	64	682	57	689	4.0	691	59	56	684	4.0	690	58	55
CARTERET CO (N= 608)	688	57	692	57	684	4.2	692	58	54	694	72	700	63	694	5.3	700	68	60	702	65	692	65	696	4.3	698	66	59	691	4.4	696	64	58
CRAVEN COUNTY (N= 1174)	686	55	689	55	683	4.1	688	56	54	701	78	698	61	696	5.4	702	71	62	715	76	696	68	706	4.8	707	75	63	695	4.7	698	66	60
DUPLIN COUNTY (N= 574)	684	54	682	51	680	3.9	684	54	53	691	70	688	54	688	4.9	693	62	57	703	66	688	62	695	4.3	696	64	58	688	4.2	691	59	56
GREENE COUNTY (N= 215)	675	47	678	48	674	3.7	679	49	50	684	63	675	42	680	3.9	680	49	53	712	74	686	60	694	4.2	703	70	59	683	3.9	689	57	54
JONES COUNTY (N= 118)	661	38	679	49	666	3.5	672	44	48	670	46	674	42	668	3.4	671	41	48	709	72	677	52	688	3.9	693	62	55	674	3.6	683	51	50
LENOIR COUNTY (N= 472)	686	55	687	54	681	4.0	689	56	53	697	75	695	59	694	5.3	698	67	60	716	76	692	65	703	4.7	706	74	62	692	4.5	698	66	58
KINSTON CITY (N= 361)	691	60	689	56	692	4.7	690	57	56	706	82	694	58	700	5.7	703	71	63	706	69	690	63	702	4.6	697	65	61	698	4.9	697	64	60
NEW HANOVER (N= 1460)	698	64	696	60	692	4.7	698	63	57	695	73	700	63	695	5.3	701	69	61	712	74	703	75	707	4.8	709	76	64	698	4.9	702	70	62
ONSLOW COUNTY (N= 1484)	686	56	690	56	684	4.2	691	57	54	684	63	693	57	686	4.7	690	59	56	706	69	695	67	701	4.6	700	68	61	691	4.4	694	62	57
PAMLICO CO (N= 157)	676	48	690	56	679	3.8	684	54	52	695	73	686	52	689	5.0	693	62	58	720	79	694	67	706	4.8	710	77	64	691	4.4	692	60	58
PENDER COUNTY (N= 366)	686	55	684	52	676	3.7	687	55	52	681	60	685	51	678	3.8	683	53	53	705	68	686	60	694	4.2	697	65	58	682	3.8	691	59	54
SAMPSON CO (N= 451)	687	56	682	51	679	3.8	687	55	52	696	74	695	59	694	5.3	697	66	60	702	65	683	57	690	4.0	692	60	56	687	4.2	689	57	56
CLINTON CITY (N= 206)	687	56	681	51	682	4.0	682	52	53	707	82	690	55	694	5.3	702	71	60	708	70	686	60	699	4.5	699	67	60	692	4.5	692	60	58
WAYNE COUNTY (N= 1051)	695	62	692	58	687	4.4	696	62	55	700	77	697	61	693	5.2	702	70	60	712	74	693	66	703	4.7	703	70	62	694	4.6	701	69	60
GOLDSBORO (N= 346)	665	40	667	43	661	3.4	667	41	47	682	61	673	41	673	3.6	681	50	51	699	62	671	46	682	3.7	685	54	53	673	3.6	678	46	50

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1

CAT

California Achievement Tests
Form E Level 16
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Sixth Grade Report

SUMMARY REPORT

311591
311 591

REGION 2

2
007

SPRING
1990
Run Date
05/24/90

CTB ID

School System

School

School	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		[illegible]		Total Mathematics									
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
SCHOOL SYSTEM AVERAGES																																
BRUNSWICK CO (N= 612)	732	48	740	53	735	6.9	736	50	51	717	55	722	56	718	8.1	719	54	53	774	59	733	56	752	7.3	754	59	56	735	7.3	735	53	53
CARTERET CO (N= 573)	740	55	743	57	740	7.3	742	56	54	719	57	724	58	720	8.3	722	58	55	778	62	735	58	756	7.6	755	60	58	739	7.7	740	58	56
CRAVEN COUNTY (N= 1084)	732	48	738	51	731	6.7	735	48	49	720	58	717	53	716	8.0	718	53	53	782	67	733	56	753	7.4	757	62	57	733	7.1	737	55	53
DUPLIN COUNTY (N= 560)	738	53	741	55	737	7.1	741	55	52	729	67	729	62	728	8.9	730	65	59	787	73	743	66	763	8.0	766	72	62	743	8.0	745	65	58
GREENE COUNTY (N= 200)	750	64	727	37	731	6.7	738	52	50	713	50	704	41	708	6.4	708	43	49	760	46	713	37	737	6.3	739	43	48	725	6.4	727	43	49
JONES COUNTY (N= 121)	731	47	741	54	731	6.7	737	51	49	726	64	722	56	720	8.3	725	61	54	790	76	742	65	763	8.0	764	70	62	738	7.6	743	62	55
LENOIR COUNTY (N= 468)	732	48	737	49	731	6.7	734	47	50	723	61	721	56	720	8.3	724	60	55	776	61	731	54	749	7.1	754	59	54	733	7.1	737	55	53
KINSTON CITY (N= 326)	724	40	734	45	731	6.7	729	42	49	723	61	723	57	723	8.5	723	59	56	769	53	726	49	749	7.1	747	51	54	734	7.2	732	49	53
NEW HANOVER (N= 1452)	743	57	744	59	741	7.4	744	59	55	732	71	730	63	730	9.2	732	68	60	781	66	742	65	758	7.7	761	67	60	743	8.0	746	66	59
ONSLOW COUNTY (N= 1298)	738	53	742	56	737	7.1	740	54	53	720	58	724	58	719	8.2	722	58	54	776	61	736	59	754	7.4	757	62	57	737	7.5	739	57	55
PAMLICO CO (N= 152)	731	47	738	51	732	6.7	735	48	50	719	57	721	56	719	8.2	719	54	54	775	59	735	58	750	7.2	757	62	55	734	7.2	737	55	53
PENDER COUNTY (N= 370)	733	49	738	50	731	6.7	736	49	50	718	56	719	54	716	8.0	719	54	53	767	52	730	53	744	6.8	749	53	51	730	6.8	735	52	51
SAMPSON CO (N= 477)	731	47	737	49	731	6.7	734	47	50	720	58	722	56	720	8.3	721	56	54	776	60	730	53	751	7.2	751	55	55	734	7.2	737	55	53
CLINTON CITY (N= 195)	720	37	731	41	726	6.4	726	39	47	721	59	713	49	716	8.0	717	52	53	768	53	730	53	750	7.2	747	51	54	731	6.9	729	46	51
WAYNE COUNTY (N= 1022)	741	55	741	54	739	7.3	742	56	53	726	64	723	57	723	8.5	726	62	57	778	62	736	59	755	7.5	757	62	57	739	7.7	742	60	56
GOLDSBORO (N= 334)	717	34	729	39	724	6.2	722	36	45	712	49	703	41	707	6.3	708	44	49	760	46	716	39	738	6.3	737	41	48	723	6.3	723	40	47

112

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

113

All entries represent appropriate averages derived through scale score

[1] Percentiles are derived from distributions of individual scores rather than distributions of group averages

Eighth Grade Report

CAT

California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311|592
311|592

2
007

SPRING
1990
Run Date

05/24/90

REGION 2
115

CTB ID

School System

School

	Reading				Total Reading					Language				Total Language					Mathematics				Total Mathematics					Total Battery				
	Vocabulary		Comprehension							Mechanics		Expression							Computation		Concepts Applications											
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
SCHOOL SYSTEM AVERAGES																																
BRUNSWICK CO (N= 601)	762	50	756	48	758	8.7	760	50	49	720	47	734	48	728	8.9	729	49	50	796	49	755	51	774	8.9	775	50	51	753	8.7	754	49	50
CARTERET CO (N= 586)	769	57	760	56	764	9.5	764	55	53	727	55	741	54	732	9.6	735	55	53	807	63	762	58	782	9.8	785	62	56	759	9.5	762	58	54
CRAVEN COUNTY (N= 998)	765	53	757	49	760	9.0	761	51	51	727	55	738	51	730	9.2	733	53	52	801	56	755	51	777	9.2	778	53	53	756	9.1	757	52	52
DUPLIN COUNTY (N= 551)	767	55	757	49	760	9.0	761	51	51	732	61	741	54	737	10.3	737	57	55	806	62	755	51	779	9.4	779	54	54	758	9.4	760	55	53
GREENE COUNTY (N= 232)	756	45	753	41	752	8.3	756	45	45	721	49	729	44	724	8.5	724	44	48	790	43	745	40	769	8.5	766	39	47	748	8.4	748	42	47
JONES COUNTY (N= 122)	760	48	755	45	756	8.6	758	48	48	732	61	735	49	731	9.4	733	53	53	801	56	757	53	776	9.1	779	54	53	754	8.8	757	52	51
LENOIR COUNTY (N= 477)	764	52	757	50	759	8.8	761	51	50	730	58	739	52	734	9.9	734	54	53	808	64	756	52	780	9.5	781	56	54	757	9.2	758	53	53
KINSTON CITY (N= 311)	755	44	754	44	756	8.6	754	42	48	726	54	738	51	734	9.9	730	50	53	806	62	750	45	777	9.2	780	55	53	756	9.1	754	49	52
NEW HANOVER (N= 1324)	775	62	763	63	768	10.1	769	62	57	736	67	755	65	745	12.9	746	66	60	807	63	763	60	783	10.0	785	62	56	766	10.6	767	64	58
ONSLOW COUNTY (N= 1231)	768	56	758	52	762	9.2	764	55	52	726	54	740	53	731	9.4	733	53	52	806	63	758	54	782	9.8	782	58	56	758	9.4	759	54	53
PAMLICO CO (N= 151)	768	56	760	56	764	9.5	764	55	53	730	59	743	55	738	10.4	737	57	55	820	80	765	62	791	12.9	793	71	61	764	10.3	765	62	57
PENDER COUNTY (N= 364)	759	48	756	48	756	8.6	758	48	48	729	57	736	49	732	9.6	734	54	52	792	45	749	44	771	8.6	770	44	49	753	8.7	753	47	50
SAMPSON CO (N= 489)	764	52	758	51	757	8.7	761	51	49	730	58	748	59	736	10.2	740	60	55	798	53	760	56	777	9.2	779	54	53	757	9.2	760	55	53
CLINTON CITY (N= 184)	758	47	755	46	754	8.4	758	48	47	728	56	747	58	735	10.0	737	57	54	812	69	758	54	785	10.5	783	60	58	758	9.4	758	53	53
WAYNE COUNTY (N= 1002)	772	59	761	58	765	9.6	766	58	54	734	64	747	59	740	10.7	742	62	57	801	56	759	55	779	9.4	781	56	54	761	9.8	763	59	55
GOLDSBORO (N= 331)	753	41	753	41	752	8.3	753	41	46	720	48	729	44	725	8.6	723	43	49	795	48	740	35	768	8.4	767	40	47	748	8.4	747	40	47

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All entries represent appropriate averages derived through scale score.

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CAT California Achievement Tests
Form E Level 13
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Third Grade Report

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

311590
311 590

REGION 3

3
007

SPRING
1990
Run Date

05/25/90

CTB ID

School System

School

SCHOOL SYSTEM AVERAGES	Reading: Vocabulary: Median Scale Score	Reading: Vocabulary: Median National Percentile[1]	Reading: Comprehension: Median Scale Score	Reading: Comprehension: Median National Percentile[1]	Total Reading: Mean Scale Score	Total Reading: Grade Mean Equivalent	Total Reading: Median Scale Score	Total Reading: Median National Percentile[1]	Total Reading: Normal Curve Equivalent	Language: Mechanics: Median Scale Score	Language: Mechanics: Median National Percentile[1]	Language: Expression: Median Scale Score	Language: Expression: Median National Percentile[1]	Total Language: Mean Scale Score	Total Language: Grade Mean Equivalent	Total Language: Median Scale Score	Total Language: Median National Percentile[1]	Total Language: Normal Curve Equivalent	Mathematics: Computation: Median Scale Score	Mathematics: Computation: Median National Percentile[1]	Mathematics: [illegible]: Median Scale Score	Mathematics: [illegible]: Median National Percentile[1]	Total Mathematics: Mean Scale Score	Total Mathematics: Grade Mean Equivalent	Total Mathematics: Median Scale Score	Total Mathematics: Median National Percentile[1]	Total Mathematics: Normal Curve Equivalent	Total Battery: Mean Scale Score	Total Battery: Grade Mean Equivalent	Total Battery: Median Scale Score	Total Battery: Median National Percentile[1]	Total Battery: Normal Curve Equivalent
DURHAM COUNTY (N= 1397)	705	69	703	65	701	5.1	706	68	60	699	77	706	67	700	5.7	705	73	63	712	74	702	74	708	4.9	709	76	64	703	5.1	707	74	64
DURHAM CITY (N= 732)	676	48	676	47	674	3.7	675	46	50	685	64	677	44	680	3.9	684	53	53	704	67	681	56	692	4.1	693	61	57	682	3.8	684	52	53
EDGECOMBE CO (N= 390)	679	51	681	51	675	3.7	681	51	51	708	83	694	58	697	5.5	704	72	62	712	74	687	61	701	4.6	702	70	61	691	4.4	697	65	58
TARBORO CITY (N= 198)	678	50	686	53	684	4.2	683	53	54	708	83	695	59	701	5.7	704	72	63	725	82	694	67	712	5.0	709	76	66	699	4.9	700	68	61
FRANKLIN CO (N= 363)	668	42	676	47	666	3.5	672	44	48	675	53	678	45	672	3.6	678	48	50	691	55	681	56	684	3.8	685	54	53	674	3.6	678	47	50
FRANKLINTON (N= 95)	665	40	673	46	663	3.5	670	44	47	673	50	679	45	669	3.4	679	49	48	715	76	682	57	690	4.0	700	68	57	674	3.6	683	51	49
GRANVILLE CO (N= 518)	683	53	689	56	679	3.8	688	56	53	695	73	689	54	686	4.7	693	62	57	709	71	694	67	702	4.6	704	71	61	689	4.3	694	62	57
HALIFAX CO (N= 562)	656	35	659	37	653	3.3	660	37	43	687	66	664	34	671	3.5	679	49	50	703	66	663	39	679	3.7	683	52	51	668	3.5	673	42	47
ROANOKE RAPID (N= 257)	689	58	695	59	687	4.4	694	60	55	698	76	699	62	698	5.5	701	69	63	698	61	690	63	694	4.2	693	61	58	693	4.6	697	65	59
WELDON CITY (N= 98)	695	62	666	42	674	3.7	679	49	50	703	79	674	41	686	4.7	696	65	56	710	72	677	52	694	4.2	694	62	57	684	4.0	688	56	54
JOHNSTON CO (N= 1030)	690	58	689	56	684	4.2	690	57	54	696	74	695	59	693	5.2	698	67	60	717	77	696	69	706	4.8	708	76	63	694	4.6	700	68	60
NASH COUNTY (N= 854)	690	59	691	57	687	4.4	692	59	55	694	72	694	58	692	5.1	697	66	59	712	74	694	67	702	4.6	704	72	62	694	4.6	700	68	59
ROCKY MOUNT (N= 369)	667	41	669	44	664	3.5	667	41	47	698	76	681	47	685	4.6	692	61	56	702	65	679	54	690	4.0	691	60	56	680	3.8	683	51	52
NORTHAMPTON (N= 268)	668	43	669	43	669	3.6	671	44	48	695	73	676	43	682	4.2	689	58	54	707	70	679	54	690	4.0	695	63	56	680	3.8	684	52	53
VANCE COUNTY (N= 558)	659	37	663	40	661	3.4	663	38	46	680	59	669	38	672	3.6	677	47	50	697	61	674	49	686	3.8	687	56	54	673	3.6	677	46	49
WAKE COUNTY (N= 4912)	705	70	704	65	700	5.1	706	69	60	694	73	707	68	698	5.5	704	72	62	715	76	709	79	711	5.0	714	80	66	703	5.1	710	76	64

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Third Grade Report

CAT

California Achievement Tests
Form E Level 13
Published 1985

REGION 3

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

311590
311590

3
008
SPRING
1990
Run Date
05/25/90

CTB ID School System School	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts and Applications		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
WARREN COUNTY (N= 220)	660	37	665	41	661	3.4	660	37	46	685	64	678	44	679	3.8	684	53	53	690	54	676	51	681	3.7	681	50	52	673	3.6	675	44	50
WILSON COUNTY (N= 906)	680	51	685	53	681	4.0	684	53	53	694	72	688	53	690	5.0	693	62	58	712	74	693	66	705	4.8	705	73	63	692	4.5	693	61	58

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CAT

California Achievement Tests
Form E Level 16
Published 1985

Sixth Grade Report

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311|591
311|591

REGION 3

3
007

SPRING
1990
Run Date
05/24/90

CTB ID

School System

School

SCHOOL SYSTEM AVERAGES	Reading: Vocabulary Median Scale Score	Reading: Vocabulary Median National Percentile[1]	Reading: Comprehension Median Scale Score	Reading: Comprehension Median National Percentile[1]	Total Reading: Mean Scale Score	Total Reading: Grade Mean Equivalent	Total Reading: Median Scale Score	Total Reading: Median National Percentile[1]	Total Reading: Normal Curve Equivalent	Language: Mechanics Median Scale Score	Language: Mechanics Median National Percentile[1]	Language: Expression Median Scale Score	Language: Expression Median National Percentile[1]	Total Language: Mean Scale Score	Total Language: Grade Mean Equivalent	Total Language: Median Scale Score	Total Language: Median National Percentile[1]	Total Language: Normal Curve Equivalent	Mathematics: Computation Median Scale Score	Mathematics: Computation Median National Percentile[1]	Mathematics: Concepts Applications Median Scale Score	Mathematics: Concepts Applications Median National Percentile[1]	Total Mathematics: Mean Scale Score	Total Mathematics: Grade Mean Equivalent	Total Mathematics: Median Scale Score	Total Mathematics: Median National Percentile[1]	Total Mathematics: Normal Curve Equivalent	Total Battery: Mean Scale Score	Total Battery: Grade Mean Equivalent	Total Battery: Median Scale Score	Total Battery: Median National Percentile	Total Battery: Normal Curve Equivalent
DURHAM COUNTY (N= 1451)	747	61	748	64	746	7.8	748	63	57	729	68	734	66	731	9.4	732	68	60	784	69	744	67	763	8.0	762	68	62	747	8.3	748	68	61
DURHAM CITY (N= 609)	709	29	725	35	714	5.7	717	31	41	707	43	701	39	700	5.7	703	40	45	761	47	715	39	736	6.2	737	42	47	717	5.8	719	36	44
EDGECOMBE CO (N= 371)	716	34	730	40	720	6.0	723	37	44	722	60	716	51	713	7.5	719	54	52	777	61	727	50	749	7.1	754	59	54	727	6.6	732	49	49
TARBORO CITY (N= 232)	731	47	741	55	737	7.1	737	50	52	729	68	722	57	728	8.9	727	62	58	775	60	742	65	756	7.6	757	63	58	740	7.8	739	57	57
FRANKLIN CO (N= 338)	730	46	738	51	732	6.7	734	47	50	719	57	721	56	719	8.2	719	54	54	777	61	734	57	752	7.3	755	59	55	734	7.2	737	55	53
FRANKLINTON (N= 88)	716	34	732	42	720	6.0	724	38	44	714	51	714	50	711	6.7	713	49	50	769	53	717	40	742	6.6	741	46	50	725	6.4	727	43	48
GRANVILLE CO (N= 493)	731	47	738	51	734	6.9	734	47	50	722	60	721	55	719	8.2	722	58	54	772	56	735	58	751	7.2	754	58	55	735	7.3	737	55	53
HALIFAX CO (N= 489)	712	32	720	31	713	5.6	717	31	40	714	51	702	39	705	6.1	708	44	48	770	54	713	37	740	6.5	740	44	49	719	6.0	722	39	45
ROANOKE RAPID (N= 246)	736	51	741	55	737	7.1	740	54	52	723	61	724	58	722	8.4	723	59	56	764	50	731	54	745	6.9	749	53	52	734	7.2	738	56	53
WELDON CITY (N= 79)	702	25	723	33	714	5.7	713	28	40	710	47	706	43	705	6.1	707	43	47	760	46	709	33	736	6.2	733	38	47	718	5.9	716	33	44
JOHNSTON CO (N= 1124)	743	57	743	57	740	7.3	744	59	54	728	67	728	61	726	8.7	728	63	58	779	63	739	62	756	7.6	758	63	58	741	7.9	744	63	57
NASH COUNTY (N= 865)	734	49	742	56	737	7.1	739	53	52	725	64	726	60	725	8.6	726	62	57	784	69	738	61	761	7.9	760	66	61	741	7.9	742	61	57
ROCKY MOUNT (N= 384)	714	33	728	39	720	6.0	721	35	43	720	58	716	52	716	8.0	719	54	53	782	67	727	50	752	7.3	756	61	56	730	6.8	732	49	51
NORTHAMPTON (N= 280)	718	35	728	39	721	6.1	725	39	44	713	50	710	46	709	6.5	710	45	49	773	58	718	41	744	6.8	744	49	51	724	6.3	726	43	47
VANCE COUNTY (N= 523)	728	44	733	43	730	6.6	731	44	48	715	53	714	50	715	7.9	715	51	52	779	63	730	53	754	7.4	755	60	57	732	7.0	731	48	52
WAKE COUNTY (N= 4659)	749	63	748	64	745	7.8	749	64	57	728	67	730	63	727	8.8	730	66	58	785	70	751	74	765	8.2	768	74	64	746	8.2	749	69	60

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Sixth Grade Report

CAT

California Achievement Tests
Form E Level 16
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311|591
311|591

REGION 3

CTB ID

School System

School

3
008

SPRING
1990
Run Date

05/24/90

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
WARREN COUNTY (N= 240)	725	41	734	45	728	6.5	729	42	47	717	55	714	50	713	7.5	716	51	51	760	46	721	44	736	6.2	740	45	47	726	6.5	727	43	48
WILSON COUNTY (N= 963)	731	47	738	50	735	6.9	735	48	51	724	62	720	55	723	8.5	722	58	56	785	71	737	60	759	7.7	761	67	60	739	7.7	739	57	56

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122

123

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CAT California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Eighth Grade Report

SUMMARY REPORT

311592
311 | 592

3
007
SPRING
1990
Run Date
05/24/90

REGION 3

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts and Applications		Total Mathematics					Total Battery				
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
SCHOOL SYSTEM AVERAGES																																
DURHAM COUNTY (N= 1341)	778	64	764	64	771	10.6	771	65	58	733	63	755	65	744	12.9	745	65	58	811	68	771	68	791	12.9	791	69	61	769	11.8	771	69	60
DURHAM CITY (N= 505)	748	36	749	35	747	7.9	750	36	42	720	47	726	42	721	8.3	722	42	47	792	45	745	40	767	8.3	767	40	47	746	8.2	746	39	45
EDGECOMBE CO (N= 371)	758	47	753	42	756	8.6	756	44	48	729	58	735	49	731	9.4	731	51	52	814	71	753	49	783	10.0	784	60	56	757	9.2	757	52	52
TARBORO CITY (N= 214)	761	49	757	50	759	8.8	758	48	50	729	58	745	57	741	11.8	738	58	57	812	69	758	54	788	11.6	785	62	59	763	10.1	759	54	56
FRANKLIN CO (N= 324)	766	54	760	56	763	9.4	764	55	53	727	55	740	53	736	10.2	735	55	54	802	57	757	53	782	9.8	779	54	55	760	9.7	759	54	54
FRANKLINTON (N= 97)	758	47	752	38	752	8.3	755	44	46	718	45	729	44	720	8.3	726	46	47	790	42	749	44	768	8.4	770	43	48	747	8.3	751	45	47
GRANVILLE CO (N= 445)	763	51	758	51	761	9.1	760	50	51	725	53	740	53	732	9.6	733	53	52	797	51	754	50	775	9.0	775	49	51	756	9.1	756	51	51
HALIFAX CO (N= 456)	749	37	751	37	748	8.0	750	37	44	717	44	722	39	719	8.2	719	39	46	791	44	739	34	765	8.2	766	39	45	744	8.1	744	37	45
ROANOKE RAPID (N= 205)	768	56	758	52	758	8.7	763	53	50	733	62	748	59	732	9.6	741	61	54	806	62	763	59	778	9.3	784	61	55	756	9.1	764	61	53
WELDON CITY (N= 99)	740	28	749	35	742	7.5	743	28	39	720	47	724	40	720	8.3	723	43	47	791	43	740	35	762	8.0	764	37	43	741	7.9	742	35	43
JOHNSTON CO (N= 1090)	766	54	759	54	762	9.2	763	54	52	733	63	744	56	739	10.6	739	59	56	801	56	758	54	779	9.4	779	54	54	760	9.7	761	56	54
NASH COUNTY (N= 870)	764	52	757	49	759	8.8	761	51	50	728	56	741	53	733	9.8	734	54	54	805	61	760	56	781	9.7	783	59	56	758	9.4	759	54	53
ROCKY MOUNT (N= 394)	752	40	751	38	750	8.1	752	39	45	724	52	728	43	726	8.7	727	47	50	809	66	747	42	775	9.0	778	53	52	751	8.6	752	46	49
NORTHAMPTON (N= 269)	742	30	750	36	742	7.5	746	31	39	714	41	718	35	716	8.0	717	38	45	798	52	743	38	771	8.6	770	44	49	743	8.0	744	37	44
VANCE COUNTY (N= 547)	750	38	753	43	750	8.1	752	39	45	719	46	732	47	725	8.6	727	47	49	799	53	747	42	771	8.6	773	47	49	749	8.5	750	44	48
WAKE COUNTY (N= 4380)	781	67	765	66	771	10.6	774	69	58	734	64	755	65	742	12.3	745	65	58	812	69	777	73	791	12.9	794	72	62	768	11.2	771	69	60

174

125

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

All entries represent appropriate averages derived through scale score

[1] Percentiles are derived from distributions of individual scores rather than distributions of group averages

CAT

California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311592
311 | 592

REGION 3

CTB ID

School System

School

3
008
SPRING
1990
Run Date

05/24/90

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics									
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
WARREN COUNTY (N= 209)	752	40	752	39	751	8.2	751	38	45	717	44	727	42	720	8.3	725	45	47	785	37	745	40	765	8.2	765	38	45	745	8.2	748	42	45
WILSON COUNTY (N= 831)	764	52	758	52	761	9.1	761	51	52	733	63	741	54	739	10.6	738	58	56	813	70	760	56	785	10.5	787	65	58	762	10.0	762	58	55

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All entries represent appropriate averages derived through scale score.

[1] Percentiles are derived from distributions of individual scores rather than distributions of group averages.

CAT

California Achievement Tests
Form E Level 13
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Third Grade Report

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

313590

REGION 4

4
007

CTB ID

SPRING 1990

Run Date 05/29/90

School System

School

SCHOOL SYSTEM AVERAGES

School System	N	Reading: Word Study Median Scale Score	Reading: Word Study Median National Percentile	Reading: Comprehension Median Scale Score	Reading: Comprehension Median National Percentile	Total Reading Mean Scale Score	Total Reading Grade Mean Equivalent	Total Reading Median Scale Score	Total Reading Median National Percentile	Total Reading Normal Curve Equivalent	Language: Mechanics Median Scale Score	Language: Mechanics Median National Percentile	Language: Expression Median Scale Score	Language: Expression Median National Percentile	Total Language Mean Scale Score	Total Language Grade Mean Equivalent	Total Language Median Scale Score	Total Language Median National Percentile	Total Language Normal Curve Equivalent	Mathematics: Computation Median Scale Score	Mathematics: Computation Median National Percentile	Mathematics: [illegible] Median Scale Score	Mathematics: [illegible] Median National Percentile	Total Mathematics Mean Scale Score	Total Mathematics Grade Mean Equivalent	Total Mathematics Median Scale Score	Total Mathematics Median National Percentile	Total Mathematics Normal Curve Equivalent	Total Battery Mean Scale Score	Total Battery Grade Mean Equivalent	Total Battery Median Scale Score	Total Battery Median National Percentile	Total Battery Normal Curve Equivalent
BLADEN COUNTY	(N= 454)	692	60	687	54	681	4.0	691	57	54	697	75	688	53	689	5.0	696	65	58	712	74	687	61	700	4.5	699	67	61	690	4.4	697	65	58
COLUMBUS CO	(N= 598)	673	46	681	51	670	3.6	677	48	50	692	70	683	49	684	4.5	688	58	56	703	66	686	60	695	4.3	697	65	59	683	3.9	689	57	55
WHITEVILLE	(N= 183)	677	49	679	49	675	3.7	679	49	51	695	73	692	57	692	5.1	693	62	60	711	73	684	58	701	4.6	701	69	61	689	4.3	693	61	57
CUMBERLAND	(N= 3335)	685	55	689	55	681	4.0	688	56	53	694	72	693	57	689	5.0	696	65	58	709	71	693	66	701	4.6	703	71	61	690	4.4	696	64	58
HARNETT CO	(N= 878)	683	53	684	53	678	3.8	686	55	52	693	71	694	58	689	5.0	695	64	58	704	67	684	55	694	4.2	695	63	58	687	4.2	694	62	56
HOKE COUNTY	(N= 366)	652	33	658	37	650	3.2	656	34	43	682	61	667	36	670	3.5	674	44	49	707	70	676	51	689	4.0	692	61	56	669	3.5	673	42	48
LEE COUNTY	(N= 583)	687	56	683	55	685	4.2	689	56	54	699	76	698	61	696	5.4	702	70	61	714	75	698	70	705	4.8	708	76	63	695	4.7	702	70	60
MONTGOMERY CO	(N= 308)	684	54	680	50	678	3.8	683	53	53	712	86	693	57	694	5.3	706	73	61	717	77	691	65	703	4.7	708	76	62	691	4.4	698	66	59
MOORE COUNTY	(N= 731)	682	53	685	53	676	3.7	686	55	52	695	73	690	55	689	5.0	695	64	58	713	74	691	64	701	4.6	703	71	62	689	4.3	694	62	57
RICHMOND CO	(N= 632)	691	60	687	54	686	4.3	691	57	55	707	82	697	60	696	5.4	702	70	62	719	78	693	66	706	4.8	706	74	63	696	4.8	701	69	61
ROBESON CO	(N= 1683)	668	43	667	42	664	3.5	670	43	48	686	65	675	42	677	3.7	682	51	53	703	66	675	50	688	3.9	690	59	56	676	3.7	681	49	52
SCOTLAND CO	(N= 547)	657	35	664	41	658	3.4	661	38	45	672	49	666	36	666	3.3	669	39	47	697	61	666	41	678	3.6	681	50	51	668	3.5	669	39	47
FT BRAGG	(N= 486)	687	56	695	59	691	4.6	693	59	56	691	70	696	60	693	5.2	695	64	59	704	67	690	63	698	4.4	699	67	60	694	4.6	696	63	59

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All entries represent ap[illegible] ate averages derived [illegible] ugh scale score [illegible] percentiles are derived from distributions of individual scores rather than distributions of group averages.

Sixth Grade Report

CAT **California Achievement Tests**
Form E Level 16
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

311|591
311|591

REGION 4

4
007

CTB ID

SPRING
1990
Run Date
05/29/90

School System

School

SCHOOL SYSTEM AVERAGES	Reading – Vocabulary: Median Scale Score	Reading – Vocabulary: Median National Percentile¹	Reading – Comprehension: Median Scale Score	Reading – Comprehension: Median National Percentile¹	Total Reading: Mean Scale Score	Total Reading: Grade Mean Equivalent	Total Reading: Median Scale Score	Total Reading: Median National Percentile¹	Total Reading: Normal Curve Equivalent	Language – Mechanics: Median Scale Score	Language – Mechanics: Median National Percentile¹	Language – Expression: Median Scale Score	Language – Expression: Median National Percentile¹	Total Language: Mean Scale Score	Total Language: Grade Mean Equivalent	Total Language: Median Scale Score	Total Language: Median National Percentile¹	Total Language: Normal Curve Equivalent	Mathematics – Computation: Median Scale Score	Mathematics – Computation: Median National Percentile¹	Mathematics – Concepts & Application: Median Scale Score	Mathematics – Concepts & Application: Median National Percentile¹	Total Mathematics: Mean Scale Score	Total Mathematics: Grade Mean Equivalent	Total Mathematics: Median Scale Score	Total Mathematics: Median National Percentile¹	Total Mathematics: Normal Curve Equivalent	Total Battery: Mean Scale Score	Total Battery: Grade Mean Equivalent	Total Battery: Median Scale Score	Total Battery: Median National Percentile¹	Total Battery: Normal Curve Equivalent
BLADEN COUNTY (N= 434)	725	41	734	45	728	6.5	730	43	48	715	52	709	45	710	6.6	712	48	50	766	52	723	46	745	6.9	744	49	52	728	6.6	728	45	49
COLUMBUS CO (N= 572)	728	44	738	50	729	6.5	735	48	49	727	66	720	55	720	8.3	723	59	55	785	70	737	60	757	7.6	760	66	59	735	7.3	738	56	54
WHITEVILLE (N= 186)	727	43	738	50	729	6.5	730	43	49	725	63	718	53	722	8.4	722	57	56	780	64	735	58	750	7.2	753	58	56	734	7.2	736	54	54
CUMBERLAND (N= 3285)	736	51	742	56	738	7.2	740	54	53	725	63	728	61	726	8.7	727	62	58	780	64	739	62	757	7.6	759	65	59	740	7.8	741	60	57
HARNETT CO (N= 880)	733	48	739	52	734	6.9	736	49	51	721	59	722	56	720	8.3	720	55	55	777	61	733	56	753	7.4	755	59	56	736	7.4	736	54	54
HOKE COUNTY (N= 404)	708	28	722	32	709	5.5	716	30	39	705	41	702	40	698	5.5	704	40	45	754	41	712	36	730	5.8	734	39	44	713	5.6	717	34	42
LEE COUNTY (N= 545)	731	47	739	52	734	6.9	737	50	51	717	55	721	55	718	8.1	719	54	53	783	68	736	59	759	7.7	759	65	59	737	7.5	739	56	55
MONTGOMERY CO (N= 348)	729	45	737	48	726	6.4	732	45	47	724	62	717	52	714	7.8	719	54	53	769	54	729	52	743	6.7	750	54	51	728	6.6	735	52	50
MOORE COUNTY (N= 703)	731	47	739	52	732	6.7	735	48	50	719	57	720	55	715	7.9	720	55	53	773	58	732	55	749	7.1	754	59	55	732	7.0	736	54	52
RICHMOND CO (N= 697)	724	40	734	45	727	6.4	729	42	47	718	56	715	51	713	7.5	717	52	51	777	61	724	47	749	7.1	749	53	54	730	6.8	732	49	51
ROBESON CO (N= 1757)	714	33	726	37	717	5.8	720	34	43	711	48	703	40	705	6.1	707	43	48	771	56	720	43	743	6.7	744	49	51	722	6.2	724	41	47
SCOTLAND CO (N= 566)	714	33	727	38	718	5.9	721	35	43	701	37	701	39	699	5.6	699	36	45	757	43	711	35	732	5.9	734	39	45	717	5.8	717	34	44
FT BRAGG (N= 307)	741	55	747	62	741	7.4	744	59	55	724	62	727	60	724	8.5	726	62	56	776	61	737	60	755	7.5	757	62	57	740	7.8	742	61	56

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All entries represent appropriate averages derived through scale score.

1 Percentiles are derived from distributions of individual scores rather than distributions of group averages.

CAT California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Eighth Grade Report

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

311|592

REGION 4

CTB ID

School System

School

4
007
SPRING
1990
Run Date
05/29/90

SCHOOL SYSTEM AVERAGES	Reading: Vocabulary Median Scale Score	Reading: Vocabulary Median National Percentile[1]	Reading: Comprehension Median Scale Score	Reading: Comprehension Median National Percentile[1]	Total Reading Mean Scale Score	Total Reading Grade Mean Equivalent	Total Reading Median Scale Score	Total Reading Median National Percentile[1]	Total Reading Normal Curve Equivalent	Language: Mechanics Median Scale Score	Language: Mechanics Median National Percentile[1]	Language: Expression Median Scale Score	Language: Expression Median National Percentile[1]	Total Language Mean Scale Score	Total Language Grade Mean Equivalent	Total Language Median Scale Score	Total Language Median National Percentile[1]	Total Language Normal Curve Equivalent
BLADEN COUNTY (N= 389)	762	50	756	48	759	8.8	760	50	50	732	61	735	49	734	9.9	733	53	53
COLUMBUS CO (N= 569)	759	48	756	47	756	8.6	757	46	48	729	58	739	52	733	9.8	734	54	53
WHITEVILLE (N= 191)	767	55	758	51	763	9.4	763	54	53	736	66	741	54	739	10.6	739	59	56
CUMBERLAND (N= 3139)	764	52	758	51	761	9.1	761	51	51	725	53	741	54	732	9.6	734	54	53
HARNETT CO (N= 897)	766	54	759	53	762	9.2	762	52	52	729	57	744	56	736	10.2	737	57	55
HOKE COUNTY (N= 380)	749	37	752	40	746	7.8	750	36	43	726	54	727	42	722	8.4	725	45	48
LEE COUNTY (N= 533)	760	48	758	52	759	8.8	759	48	50	721	48	740	53	729	9.1	730	50	51
MONTGOMERY CO (N= 309)	757	46	752	40	753	8.4	755	43	46	721	49	728	43	724	8.5	726	46	49
MOORE COUNTY (N= 684)	771	58	761	58	766	9.8	767	59	55	733	63	741	53	738	10.4	737	57	55
RICHMOND CO (N= 593)	760	49	756	47	758	8.7	759	48	49	728	56	739	52	732	9.6	733	53	52
ROBESON CO (N= 1720)	748	36	750	36	746	7.8	749	35	42	717	44	724	40	719	8.2	720	40	47
SCOTLAND CO (N= 575)	748	36	752	38	747	7.9	749	35	43	716	43	721	38	719	8.2	718	39	47
FT BRAGG (N= 271)	770	58	763	62	768	10.1	768	61	56	731	60	754	64	741	11.8	747	67	57

SCHOOL SYSTEM AVERAGES	Mathematics: Computation Median Scale Score	Mathematics: Computation Median National Percentile[1]	Mathematics: Concepts Applications Median Scale Score	Mathematics: Concepts Applications Median National Percentile[1]	Total Mathematics Mean Scale Score	Total Mathematics Grade Mean Equivalent	Total Mathematics Median Scale Score	Total Mathematics Median National Percentile[1]	Total Mathematics Normal Curve Equivalent	Total Battery Mean Scale Score	Total Battery Grade Mean Equivalent	Total Battery Median Scale Score	Total Battery Median National Percentile[1]	Total Battery Normal Curve Equivalent
BLADEN COUNTY (N= 389)	794	47	751	46	773	8.8	772	46	50	755	9.0	755	50	51
COLUMBUS CO (N= 569)	803	58	754	50	776	9.1	779	54	52	755	9.0	757	52	51
WHITEVILLE (N= 191)	810	67	758	54	783	10.0	784	60	56	762	10.0	760	55	56
CUMBERLAND (N= 3139)	801	56	757	53	778	9.3	779	54	54	757	9.2	758	53	53
HARNETT CO (N= 897)	807	64	761	57	783	10.0	783	60	57	760	9.7	761	56	55
HOKE COUNTY (N= 380)	796	49	743	38	767	8.3	770	43	47	745	8.2	749	43	46
LEE COUNTY (N= 533)	803	58	756	52	779	9.4	778	53	54	756	9.1	756	51	52
MONTGOMERY CO (N= 309)	802	57	754	50	777	9.2	779	54	53	751	8.6	751	45	49
MOORE COUNTY (N= 684)	812	69	765	62	786	10.8	789	66	59	763	10.1	765	62	56
RICHMOND CO (N= 593)	806	62	755	51	780	9.5	780	55	54	756	9.1	757	52	52
ROBESON CO (N= 1720)	795	48	745	40	769	8.5	770	43	48	745	8.2	746	39	45
SCOTLAND CO (N= 575)	794	47	740	35	768	8.4	768	41	48	745	8.2	744	36	45
FT BRAGG (N= 271)	805	60	766	63	785	10.5	787	64	57	764	10.3	766	63	57

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* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

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Third Grade Report

CAT California Achievement Tests
Form E Level 13
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

311590
311 590

REGION 5

5
007

SPRING
1990
Run Date
05/25/90

CTB ID

School System

School

SCHOOL SYSTEM AVERAGES	Reading Vocabulary Median Scale Score	Reading Vocabulary Median National Percentile¹	Reading Comprehension Median Scale Score	Reading Comprehension Median National Percentile¹	Total Reading Mean Scale Score	Total Reading Grade Mean Equivalent	Total Reading Median Scale Score	Total Reading Median National Percentile*	Total Reading Normal Curve Equivalent	Language Mechanics Median Scale Score	Language Mechanics Median National Percentile¹	Language Expression Median Scale Score	Language Expression Median National Percentile¹	Total Language Mean Scale Score	Total Language Grade Mean Equivalent	Total Language Median Scale Score	Total Language Median National Percentile¹	Total Language Normal Curve Equivalent	Mathematics Computation Median Scale Score	Mathematics Computation Median National Percentile¹	Mathematics Concepts Applications Median Scale Score	Mathematics Concepts Applications Median National Percentile¹	Total Mathematics Mean Scale Score	Total Mathematics Grade Mean Equivalent	Total Mathematics Median Scale Score	Total Mathematics Median National Percentile¹	Total Mathematics Normal Curve Equivalent	Total Battery Mean Scale Score	Total Battery Grade Mean Equivalent	Total Battery Median Scale Score	Total Battery Median National Percentile¹	Total Battery Normal Curve Equivalent
ALAMANCE CO (N= 798)	685	55	692	57	687	4.4	689	56	55	688	67	694	58	689	5.0	692	61	58	719	78	698	70	706	4.8	709	76	64	694	4.6	698	66	59
BURLINGTON (N= 427)	694	62	694	59	691	4.6	697	62	57	698	76	698	61	696	5.4	699	67	61	727	83	713	81	718	5.3	723	85	69	701	5.0	708	75	63
CASWELL CO (N= 232)	675	48	680	50	675	3.7	678	48	50	685	64	683	50	683	4.3	687	57	54	696	59	682	56	686	3.8	693	61	54	681	3.8	687	55	52
CHATHAM CO (N= 421)	689	58	693	58	685	4.2	691	57	55	688	67	691	56	687	4.8	691	60	57	710	73	693	66	698	4.4	703	71	60	690	4.4	699	67	58
DAVIDSON CO (N= 1219)	695	62	697	61	693	4.8	697	63	57	699	76	698	61	698	5.5	702	70	62	714	75	698	70	707	4.8	707	75	64	700	5.0	703	71	62
LEXINGTON (N= 227)	676	48	679	49	676	3.7	674	46	51	684	63	683	49	679	3.8	682	51	53	714	75	686	60	701	4.6	702	70	61	685	4.0	687	55	55
THOMASVILLE (N= 166)	667	42	665	41	662	3.5	664	39	47	676	54	669	37	672	3.6	673	42	49	694	58	676	51	683	3.7	685	54	53	673	3.6	675	43	49
FORSYTH CO (N= 2732)	697	64	700	63	696	4.9	699	64	58	698	76	702	64	699	5.6	702	70	63	715	76	702	74	708	4.9	710	77	65	701	5.0	705	72	63
GUILFORD CO (N= 1762)	702	68	699	62	696	4.9	703	66	58	691	69	701	64	694	5.3	698	67	60	713	75	703	74	707	4.8	709	77	64	699	4.9	705	72	62
GREENSBORO (N= 1552)	691	59	692	58	688	4.4	693	59	56	693	71	695	59	690	5.0	696	65	58	705	68	694	67	698	4.4	702	70	60	692	4.5	698	66	58
HIGH POINT (N= 637)	678	50	687	54	679	3.8	684	53	52	685	64	686	52	683	4.3	689	58	55	698	62	685	59	692	4.1	693	61	57	685	4.0	689	57	55
ORANGE COUNTY (N= 442)	682	53	693	58	680	3.9	690	57	53	691	70	696	60	689	5.0	697	66	58	704	67	685	59	696	4.3	696	64	59	688	4.2	697	64	57
CHAPEL HILL (N= 421)	717	76	714	72	708	5.4	716	75	63	707	82	720	75	708	6.4	717	84	68	725	82	724	87	720	5.4	728	87	70	712	5.6	722	85	69
PERSON COUNTY (N= 406)	681	52	681	51	676	3.7	682	52	51	688	67	696	60	687	4.8	694	63	57	721	79	691	64	707	4.8	707	75	64	690	4.4	695	62	57
RANDOLPH CO (N= 1058)	682	53	691	57	678	3.8	687	55	52	697	75	696	60	693	5.2	697	66	60	703	66	693	66	698	4.4	700	68	59	690	4.4	695	63	57
ASHEBORO CITY (N= 276)	705	70	699	62	696	4.9	702	65	59	700	77	700	62	696	5.4	703	71	62	707	70	694	67	702	4.6	705	73	62	698	4.9	702	70	61

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All entries represent appropriate averages derived through scale score   1 Percentiles are derived from distributions of individual scores rather than distributions of group averages

CAT

California Achievement Tests
Form E Level 13
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Third Grade Report

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311590
311 590

REGION 5

5
008

SPRING
1990
Run Date
05/25/90

CTB ID

School System

School

Reading

School System / School		Vocabulary: Median Scale Score	Vocabulary: Median National Percentile[1]	Comprehension: Median Scale Score	Comprehension: Median National Percentile[1]	Total Reading: Mean Scale Score	Total Reading: Grade Mean Equivalent	Total Reading: Median Scale Score	Total Reading: Median National Percentile[1]	Total Reading: Normal Curve Equivalent
ROCKINGHAM CO	(N= 268)	688	57	685	53	684	4.2	688	56	54
EDEN CITY	(N= 322)	686	56	688	55	683	4.1	686	55	54
WESTERN ROCKI	(N= 264)	670	44	678	49	671	3.6	673	45	49
REIDSVILLE	(N= 259)	677	49	681	50	675	3.7	681	51	51
STOKES COUNTY	(N= 490)	689	58	691	57	684	4.2	693	59	54

Language

School System / School		Mechanics: Median Scale Score	Mechanics: Median National Percentile[1]	Expression: Median Scale Score	Expression: Median National Percentile[1]	Total Language: Mean Scale Score	Total Language: Grade Mean Equivalent	Total Language: Median Scale Score	Total Language: Median National Percentile[1]	Total Language: Normal Curve Equivalent
ROCKINGHAM CO	(N= 268)	695	74	698	61	695	5.3	700	69	61
EDEN CITY	(N= 322)	686	65	692	57	687	4.8	690	59	56
WESTERN ROCKI	(N= 264)	681	60	685	51	679	3.8	684	53	53
REIDSVILLE	(N= 259)	682	61	685	51	680	3.9	686	55	53
STOKES COUNTY	(N= 490)	686	65	693	58	687	4.8	695	64	56

Mathematics

School System / School		Computation: Median Scale Score	Computation: Median National Percentile[1]	Concepts & Applications: Median Scale Score	Concepts & Applications: Median National Percentile[1]	Total Mathematics: Mean Scale Score	Total Mathematics: Grade Mean Equivalent	Total Mathematics: Median Scale Score	Total Mathematics: Median National Percentile[1]	Total Mathematics: Normal Curve Equivalent
ROCKINGHAM CO	(N= 268)	716	77	695	68	706	4.8	709	76	64
EDEN CITY	(N= 322)	717	77	689	63	701	4.6	703	71	61
WESTERN ROCKI	(N= 264)	687	51	685	59	685	3.8	687	56	54
REIDSVILLE	(N= 259)	708	70	686	60	697	4.4	699	67	60
STOKES COUNTY	(N= 490)	700	63	695	68	696	4.3	698	66	59

Total Battery

School System / School		Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
ROCKINGHAM CO	(N= 268)	695	4.7	699	67	60
EDEN CITY	(N= 322)	690	4.4	694	62	57
WESTERN ROCKI	(N= 264)	678	3.7	682	50	52
REIDSVILLE	(N= 259)	684	4.0	689	57	55
STOKES COUNTY	(N= 490)	689	4.3	694	62	57

136

137

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CAT

California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311|591
311|591

REGION 5

5
007

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

School System	N	Reading: Vocabulary Median Scale Score	Reading: Vocabulary Median National Percentile¹	Reading: Comprehension Median Scale Score	Reading: Comprehension Median National Percentile¹	Total Reading Mean Scale Score	Total Reading Grade Mean Equivalent	Total Reading Median Scale Score	Total Reading Median National Percentile¹	Total Reading Normal Curve Equivalent	Language: Mechanics Median Scale Score	Language: Mechanics Median National Percentile¹	Language: Expression Median Scale Score	Language: Expression Median National Percentile¹	Total Language Mean Scale Score	Total Language Grade Mean Equivalent	Total Language Median Scale Score	Total Language Median National Percentile¹	Total Language Normal Curve Equivalent	Mathematics: Computation Median Scale Score	Mathematics: Computation Median National Percentile¹	Mathematics: Concepts Application Median Scale Score	Mathematics: Concepts Application Median National Percentile¹	Total Mathematics Mean Scale Score	Total Mathematics Grade Mean Equivalent	Total Mathematics Median Scale Score	Total Mathematics Median National Percentile¹	Total Mathematics Normal Curve Equivalent	Total Battery Mean Scale Score	Total Battery Grade Mean Equivalent	Total Battery Median Scale Score	Total Battery Median National Percentile¹	Total Battery Normal Curve Equivalent
SCHOOL SYSTEM AVERAGES																																	
ALAMANCE CO	(N= 743)	736	51	742	56	736	7.0	739	53	52	725	63	723	57	723	8.5	725	61	56	771	56	736	59	751	7.2	753	57	55	736	7.4	738	56	55
BURLINGTON	(N= 462)	751	65	746	61	748	8.0	749	65	59	743	82	736	68	741	11.8	740	76	65	801	87	755	79	778	9.3	779	85	71	756	9.1	757	77	66
CASWELL CO	(N= 249)	730	46	737	49	733	6.8	734	47	50	715	53	713	49	717	8.0	715	50	52	771	55	730	53	751	7.2	751	55	54	733	7.1	731	48	52
CHATHAM CO	(N= 381)	739	54	743	58	741	7.4	743	57	54	726	64	726	60	727	8.8	728	63	58	778	62	739	62	757	7.6	759	65	59	741	7.9	745	65	57
DAVIDSON CO	(N= 1196)	744	58	744	59	741	7.4	744	59	54	725	63	726	60	724	8.5	727	63	57	779	63	743	66	759	7.7	761	67	60	741	7.9	744	64	57
LEXINGTON	(N= 213)	725	41	734	44	731	6.7	729	42	49	716	54	716	51	715	7.9	714	50	52	779	63	733	56	755	7.5	756	61	57	734	7.2	733	50	52
THOMASVILLE	(N= 168)	726	42	736	48	727	6.4	732	45	48	718	56	711	47	711	6.7	713	49	50	762	48	719	42	741	6.6	742	47	50	728	6.6	731	48	50
FORSYTH CO	(N= 2590)	741	56	744	59	742	7.5	743	58	55	731	70	728	61	729	9.1	730	66	59	788	74	746	69	766	8.3	767	73	64	746	8.2	747	66	60
GUILFORD CO	(N= 1869)	746	60	748	63	745	7.8	747	62	57	725	63	730	63	729	9.1	728	64	59	783	68	744	67	762	8.0	762	68	62	745	8.2	746	66	60
GREENSBORO	(N= 1466)	740	54	742	56	739	7.3	741	55	54	721	59	727	60	722	8.4	724	60	56	779	63	737	60	756	7.6	757	62	58	739	7.7	741	59	56
HIGH POINT	(N= 592)	726	42	732	42	728	6.5	729	42	48	715	53	716	52	713	7.5	716	51	51	765	51	726	49	744	6.8	745	49	52	728	6.6	729	46	50
ORANGE COUNTY	(N= 376)	733	49	738	50	733	6.8	735	48	51	717	55	720	54	716	8.0	717	52	53	763	49	730	53	745	6.9	746	50	53	731	6.9	732	49	52
CHAPEL HILL	(N= 429)	759	72	756	75	756	8.6	760	76	63	735	74	750	79	741	11.8	744	79	65	794	80	763	86	775	9.0	779	85	69	757	9.2	762	82	67
PERSON COUNTY	(N= 414)	737	52	743	58	737	7.1	741	55	52	725	63	728	61	725	8.6	727	63	57	793	79	750	73	771	8.6	773	80	67	744	8.1	747	66	59
RANDOLPH CO	(N= 1079)	734	49	739	52	735	6.9	737	50	51	723	61	723	57	720	8.3	723	59	55	772	57	733	56	749	7.1	753	58	54	735	7.3	738	56	54
ASHEBORO CITY	(N= 251)	750	64	745	60	744	7.7	748	63	56	735	74	726	59	732	9.6	731	66	61	791	77	742	65	764	8.1	769	75	63	746	8.2	749	69	61

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CAT

California Achievement Tests
Form E Level 16
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Sixth Grade Report

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311591
311 591

REGION 5

5
008

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

	Reading: Vocabulary		Reading: Comprehension		Total Reading					Language: Mechanics		Language: Expression		Total Language					Mathematics: Computation		Mathematics: Concepts and Applications		Total Mathematics					Total Battery				
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
ROCKINGHAM CO (N= 245)	744	58	743	58	742	7.5	743	57	55	728	67	731	64	729	9.1	730	66	59	779	63	740	63	760	7.8	760	66	60	744	8.1	744	63	59
EDEN CITY (N= 298)	743	57	744	58	741	7.4	741	55	55	724	62	731	64	727	8.8	729	65	58	788	74	744	67	760	7.8	767	73	61	743	8.0	746	65	58
WESTERN ROCKI (N= 257)	734	49	736	47	733	6.8	736	49	50	717	55	718	53	716	8.0	719	54	53	776	61	732	55	751	7.2	753	58	55	733	7.1	736	54	52
REIDSVILLE (N= 273)	716	34	729	39	720	6.0	723	36	44	707	43	702	40	701	5.7	705	41	46	760	46	724	47	740	6.5	740	45	49	720	6.0	722	39	46
STOKES COUNTY (N= 513)	740	55	742	56	739	7.3	741	55	53	719	57	721	55	717	8.0	718	53	53	771	56	733	56	750	7.2	752	56	55	735	7.3	737	55	54

140

141

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CAT

California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311592
311 592

REGION 5

5
007

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts & Applications		Total Mathematics									
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
SCHOOL SYSTEM AVERAGES																																
ALAMANCE CO (N= 739)	769	57	760	55	765	9.6	765	56	54	733	63	750	61	742	12.3	742	62	57	809	66	766	63	786	10.8	787	65	58	764	10.3	765	62	57
BURLINGTON (N= 486)	769	57	761	58	766	9.8	765	56	55	742	73	754	64	748	12.9	748	68	61	816	74	767	64	792	12.9	792	70	62	768	11.2	768	65	60
CASWELL CO (N= 270)	762	50	759	54	760	9.0	760	50	51	726	54	738	51	731	9.4	734	54	52	802	57	757	53	779	9.4	780	55	54	757	9.2	759	54	52
CHATHAM CO (N= 380)	772	60	761	57	768	10.1	766	58	56	735	65	746	58	743	12.8	741	61	58	800	55	760	56	781	9.7	779	54	55	764	10.3	763	59	57
DAVIDSON CO (N= 1138)	773	60	761	58	766	9.8	766	58	55	730	58	746	58	737	10.3	738	58	55	805	60	763	60	782	9.8	783	60	56	762	10.0	763	60	55
LEXINGTON (N= 204)	761	49	755	46	760	9.0	757	46	51	728	56	738	51	735	10.0	734	54	54	791	43	754	50	774	8.9	773	47	51	756	9.1	752	46	52
THOMASVILLE (N= 180)	750	38	752	39	751	8.2	752	39	45	713	40	728	43	719	8.2	721	41	47	796	49	746	41	770	8.6	771	45	49	748	8.4	749	43	47
FORSYTH CO (N= 2488)	782	68	767	69	767	9.9	775	70	56	739	70	754	64	741	11.8	748	68	57	809	66	772	69	787	11.2	792	70	59	765	10.4	773	70	57
GUILFORD CO (N= 1760)	774	61	763	62	769	10.3	769	62	57	725	53	751	62	738	10.4	738	58	56	808	64	766	63	786	10.8	787	65	58	764	10.3	765	62	57
GREENSBORO (N= 1445)	773	60	761	58	766	9.8	767	59	55	731	60	749	60	741	11.8	740	60	57	805	61	763	60	783	10.0	783	60	57	764	10.3	764	61	57
HIGH POINT (N= 562)	766	54	758	52	761	9.1	762	52	52	731	60	747	58	738	10.4	740	60	56	805	60	758	54	781	9.7	782	57	55	760	9.7	761	56	55
ORANGE COUNTY (N= 383)	764	52	759	54	761	9.1	761	51	51	731	60	742	54	734	9.9	737	57	54	798	52	754	50	773	8.8	776	51	51	756	9.1	758	53	52
CHAPEL HILL (N= 375)	804	83	772	79	785	12.9	788	83	68	748	79	772	78	759	12.9	762	80	66	823	83	790	84	804	12.9	808	86	70	783	12.9	786	84	69
PERSON COUNTY (N= 407)	764	52	758	52	762	9.2	761	51	52	728	56	745	57	735	10.0	737	57	54	810	67	764	60	787	11.2	787	65	59	761	9.8	762	57	55
RANDOLPH CO (N= 967)	764	52	757	49	760	9.0	760	50	51	726	54	743	55	734	9.9	735	55	53	797	50	757	53	775	9.0	777	52	51	756	9.1	757	52	52
ASHEBORO CITY (N= 253)	772	60	761	59	766	9.8	766	58	55	735	65	745	57	739	10.6	741	61	56	804	60	763	60	784	10.2	785	62	57	763	10.1	764	60	56

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CAT

California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Eighth Grade Report

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

311592
311 59

REGION 5

5
0C8

CTB ID

SPRING
1990
Run Date

05/24/90

School System

School

	Reading				Total Reading					Language				Total Language					Mathematics				Total Mathematics					Total Battery				
	Vocabulary		Comprehension							Mechanics		Expression							Computation		Concepts/Applications											
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
ROCKINGHAM CO (N= 241)	766	54	760	57	762	9.2	764	55	52	743	74	749	60	744	12.9	749	69	59	809	66	765	62	787	11.2	788	66	59	764	10.3	767	64	57
EDEN CITY (N= 319)	765	53	761	57	761	9.1	764	54	52	731	60	747	59	739	10.6	739	59	56	811	68	763	60	786	10.8	787	65	59	762	10.0	763	59	56
WESTERN ROCKI (N= 260)	760	49	755	46	756	8.6	758	47	48	722	50	735	49	727	8.8	728	48	50	789	41	748	43	767	8.3	767	40	47	750	8.5	751	45	48
REIDSVILLE (N= 243)	767	55	760	56	761	9.1	763	54	52	727	56	741	54	732	9.6	734	54	53	807	63	753	49	776	9.1	780	55	53	757	9.2	760	55	53
STOKES COUNTY (N= 455)	763	51	757	50	761	9.1	761	50	51	726	54	741	54	732	9.6	735	55	53	798	52	755	51	773	8.8	776	51	51	755	9.0	757	52	51

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145

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CAT

California Achievement Tests
Form E Level 13
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Third Grade Report

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311590
311 590

REGION 6

6
007

SPRING
1990
Run Date

05/25/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts & Applications		Total Mathematics									
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
SCHOOL SYSTEM AVERAGES																																
ANSON COUNTY (N= 297)	653	34	665	41	654	3.3	657	35	44	686	65	675	42	676	3.7	682	51	52	702	65	676	51	686	3.8	687	56	54	672	3.6	677	46	49
CABARRUS CO (N= 933)	693	61	700	63	693	4.8	698	63	57	697	75	704	66	700	5.7	704	72	63	716	76	697	69	707	4.8	707	75	64	700	5.0	704	71	62
KANNAPOLIS (N= 286)	672	46	675	47	672	3.7	675	46	50	688	67	683	49	686	4.7	686	56	56	708	70	692	65	699	4.5	702	70	60	686	4.1	686	54	55
CLEVELAND CO (N= 620)	691	59	689	56	681	4.0	692	58	53	697	75	693	58	689	5.0	698	67	59	714	75	690	63	699	4.5	702	70	61	690	4.4	700	68	58
KINGS MOUNTAI (N= 294)	689	58	685	53	681	4.0	688	56	53	709	83	698	61	698	5.5	706	74	63	707	70	689	63	696	4.3	699	67	59	692	4.5	700	68	58
SHELBY CITY (N= 233)	679	51	678	49	672	3.7	678	49	51	699	76	684	50	686	4.7	691	60	57	709	72	682	57	692	4.1	696	64	57	683	3.9	689	57	55
GASTON COUNTY (N= 2294)	673	46	680	50	669	3.6	678	48	49	693	71	687	53	686	4.7	692	61	57	699	62	682	57	688	3.9	690	59	55	681	3.8	687	55	53
LINCOLN CO (N= 663)	688	57	691	57	684	4.2	692	58	54	704	80	697	61	695	5.3	704	72	62	712	74	694	66	700	4.5	704	72	61	693	4.6	702	70	60
MECKLENBURG (N= 6429)	682	52	687	54	679	3.8	685	54	52	692	70	689	54	687	4.8	693	62	57	709	72	692	66	699	4.5	702	70	61	688	4.2	694	62	57
ROWAN COUNTY (N= 1320)	676	48	680	50	669	3.6	679	49	49	684	63	685	51	679	3.8	686	55	54	699	63	684	58	689	4.0	690	59	56	679	3.7	686	54	53
STANLY COUNTY (N= 540)	687	56	686	54	680	3.9	689	56	53	692	71	690	55	689	5.0	693	62	57	712	74	691	64	701	4.6	701	69	61	690	4.4	696	63	57
ALBEMARLE (N= 128)	668	42	680	50	662	3.5	677	48	47	680	59	687	53	678	3.8	687	56	53	700	63	686	60	687	3.9	693	61	56	676	3.7	687	55	51
UNION COUNTY (N= 942)	690	59	698	61	691	4.6	696	62	56	698	76	706	67	700	5.7	704	72	64	717	77	702	73	709	4.9	710	77	65	700	5.0	705	72	62
MONROE CITY (N= 196)	685	55	684	52	687	4.4	686	55	55	700	77	687	53	695	5.3	696	65	60	726	83	694	67	713	5.1	709	76	67	698	4.9	697	65	61

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11

CAT

California Achievement Tests
Form E Level 16
Published 1985

Sixth Grade Report

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311591
311591

REGION 6

6
007

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts		Total Mathematics									
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
SCHOOL SYSTEM AVERAGES																																
ANSON COUNTY (N= 358)	730	46	735	46	730	6.6	733	46	49	721	59	719	54	720	8.3	720	55	54	775	60	725	48	747	7.0	750	54	53	732	7.0	734	51	52
CABARRUS CO (N= 907)	745	59	747	62	744	7.7	746	61	56	728	67	733	65	731	9.4	731	67	60	784	69	745	68	762	8.0	765	71	62	746	8.2	747	66	60
KANNAPOLIS (N= 299)	727	43	736	47	731	6.7	731	44	49	719	57	714	50	717	8.0	716	52	53	771	56	729	52	750	7.2	751	55	54	732	7.0	731	48	52
CLEVELAND CO (N= 633)	736	51	742	56	735	6.9	740	54	52	727	65	724	58	721	8.3	727	62	56	781	65	737	60	754	7.4	759	65	58	737	7.5	742	61	55
KINGS MOUNTAI (N= 275)	722	38	732	42	726	6.4	726	39	46	725	63	717	52	718	8.1	720	55	54	770	54	726	49	748	7.1	748	52	54	731	6.9	731	48	52
SHELBY CITY (N= 234)	732	48	743	58	734	6.9	738	52	52	738	77	729	62	729	9.1	735	71	60	783	68	746	69	758	7.7	764	70	60	741	7.9	745	65	58
GASTON COUNTY (N= 2152)	736	51	739	52	735	6.9	738	52	51	725	63	724	58	722	8.4	725	61	56	779	64	736	59	754	7.4	758	63	57	737	7.5	740	58	55
LINCOLN CO (N= 665)	737	52	742	57	736	7.0	740	54	52	722	60	724	58	720	8.3	724	60	55	781	66	740	63	756	7.6	761	67	59	737	7.5	742	61	55
MECKLENBURG (N= 5350)	734	49	742	56	736	7.0	738	52	52	718	56	723	57	719	8.2	721	56	54	781	66	738	61	757	7.6	760	66	59	737	7.5	739	57	55
ROWAN COUNTY (N= 1258)	736	51	741	55	736	7.0	739	53	52	725	63	724	58	724	8.5	725	61	56	781	66	738	61	757	7.6	759	64	59	738	7.6	741	60	56
STANLY COUNTY (N= 511)	739	54	742	56	740	7.3	742	56	54	726	64	725	59	726	8.7	726	62	57	785	71	741	64	762	8.0	764	70	61	743	8.0	743	62	58
ALBEMARLE (N= 134)	739	54	746	61	737	7.1	745	59	53	725	63	732	65	726	8.7	730	66	58	785	70	741	64	758	7.7	761	67	60	740	7.8	747	66	57
UNION COUNTY (N= 935)	742	56	744	58	741	7.4	743	58	54	726	64	727	60	726	8.7	727	62	58	777	61	740	63	757	7.6	757	62	58	741	7.9	742	60	57
MONROE CITY (N= 195)	720	37	734	44	726	6.4	725	39	47	721	59	714	50	719	8.2	716	51	54	768	53	726	49	747	7.0	750	54	53	731	6.9	730	47	51

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Eighth Grade Report

CAT

California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311592
311 592

REGION 6

6
007

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts and Applications		Total Mathematics									
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
SCHOOL SYSTEM AVERAGES																																
ANSON COUNTY (N= 337)	751	39	751	37	749	8.1	751	38	44	723	51	717	34	723	8.5	722	42	48	797	50	744	39	770	8.6	768	41	49	747	8.3	747	40	47
CABARRUS CO (N= 886)	772	59	762	60	768	10.1	767	60	56	732	61	757	66	744	12.9	744	64	59	808	65	770	67	788	11.6	789	67	60	767	10.8	768	65	58
KANNAPOLIS (N= 284)	752	40	753	42	752	8.3	753	40	46	721	49	733	47	726	8.7	729	49	50	795	48	753	49	772	8.7	775	49	50	750	8.5	750	44	48
CLEVELAND CO (N= 641)	760	49	756	47	756	8.6	759	49	49	729	58	735	49	730	9.2	732	52	52	800	55	754	50	775	9.0	777	52	52	754	8.8	755	50	51
KINGS MOUNTAI (N= 285)	769	57	758	50	762	9.2	764	55	52	737	67	743	55	738	10.4	740	60	56	805	60	757	53	779	9.4	780	55	54	760	9.7	762	58	54
SHELBY CITY (N= 235)	768	56	761	59	764	9.5	765	56	54	740	71	756	66	745	12.9	749	69	60	798	52	761	57	776	9.1	780	55	52	762	10.0	766	63	56
GASTON COUNTY (N= 2197)	763	51	757	49	760	9.0	760	50	51	730	59	740	53	734	9.9	735	55	54	806	62	757	53	780	9.5	782	58	55	758	9.4	759	54	53
LINCOLN CO (N= 642)	761	49	757	50	758	8.7	760	49	49	723	51	737	51	727	8.8	729	49	51	801	56	755	51	774	8.9	778	53	52	753	8.7	755	50	50
MECKLENBURG (N= 5082)	767	55	760	56	763	9.4	764	55	53	727	55	742	54	733	9.8	735	55	53	805	60	762	58	781	9.7	783	59	56	759	9.5	761	56	54
ROWAN COUNTY (N= 1171)	767	55	759	53	761	9.1	763	54	52	727	55	741	54	732	9.6	734	54	53	801	56	758	54	778	9.3	781	56	54	757	9.2	760	55	53
STANLY COUNTY (N= 471)	775	61	763	61	769	10.3	769	62	57	736	66	753	63	745	12.9	744	64	59	814	71	769	66	791	12.9	793	71	61	768	11.2	768	65	60
ALBEMARLE (N= 143)	762	50	760	56	761	9.1	763	54	52	731	61	749	60	738	10.4	741	61	56	813	70	764	61	785	10.5	791	69	58	761	9.8	766	63	56
UNION COUNTY (N= 930)	770	58	761	59	765	9.6	766	58	54	735	64	749	60	741	11.8	743	62	57	808	65	764	61	786	10.8	786	64	58	764	10.3	765	62	57
MONROE CITY (N= 185)	763	51	759	54	763	9.4	764	55	53	740	71	743	55	745	12.9	740	60	59	803	58	752	48	780	9.5	775	49	55	763	10.1	759	54	56

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CAT

California Achievement Tests
Form E Level 13
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Third Grade Report

SUMMARY REPORT

NORTH CAROLINA
ANNUAL
TESTING PROGRAM
BASIC SKILLS

311590
3'1 590

REGION 7

7
007

SPRING
1990
Run Date

05/25/90

CTB ID

School System

School

SCHOOL SYSTEM AVERAGES		Reading				Total Reading					Language				Total Language					Mathematics				Total Mathematics					Total Battery				
		Vocabulary		Comprehension							Mechanics		Expression							Computation		Concepts/Applications											
		Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
ALEXANDER CO	(N= 382)	688	57	695	59	685	4.2	693	59	54	706	81	697	61	699	5.6	704	72	63	715	76	696	69	705	4.8	706	74	63	696	4.8	702	70	60
ALLEGHANY CO	(N= 130)	683	53	698	61	686	4.3	691	57	54	696	74	703	65	698	5.5	702	71	62	707	69	694	67	702	4.6	703	70	61	695	4.7	698	66	59
ASHE COUNTY	(N= 288)	705	70	702	64	698	5.0	706	69	59	701	78	706	68	700	5.7	704	72	63	717	77	705	76	710	5.0	713	79	65	703	5.1	709	76	63
AVERY COUNTY	(N= 195)	679	50	694	59	683	4.1	686	55	54	692	70	693	57	690	5.0	694	63	59	716	76	698	70	705	4.8	707	75	63	693	4.6	698	66	59
BURKE COUNTY	(N= 928)	694	62	692	58	688	4.4	694	60	56	708	83	697	60	698	5.5	707	74	63	712	74	698	70	707	4.8	706	74	64	697	4.8	703	71	61
CALDWELL CO	(N= 878)	680	51	685	53	677	3.8	682	52	51	682	61	684	50	681	4.1	685	55	53	692	56	684	58	686	3.8	687	56	54	681	3.8	685	53	53
CATAWBA CO	(N= 1012)	681	52	690	56	677	3.8	686	55	52	687	66	688	53	684	4.5	690	59	56	707	69	693	66	697	4.4	701	69	60	686	4.1	693	61	56
HICKORY CITY	(N= 350)	684	54	685	53	676	3.7	685	54	52	680	59	687	52	679	3.8	685	54	54	698	61	686	60	688	3.9	694	62	56	681	3.8	689	57	54
NEWTON-CONOVE	(N= 222)	698	65	689	56	683	4.1	700	64	54	703	79	697	60	694	5.3	703	71	61	709	72	695	68	699	4.5	704	72	61	692	4.5	703	71	60
DAVIE COUNTY	(N= 314)	681	52	686	54	680	3.9	684	54	53	684	63	696	60	688	4.9	694	63	57	712	74	698	71	703	4.7	706	74	62	690	4.4	696	64	58
IREDELL CO	(N= 836)	689	58	691	57	682	4.0	690	57	54	698	76	698	61	693	5.2	702	70	61	709	71	694	67	700	4.5	703	71	61	692	4.5	699	67	59
MOORESVILLE	(N= 194)	679	51	686	54	679	3.8	684	54	52	685	64	693	58	688	4.9	690	59	57	702	65	688	62	693	4.2	696	64	58	687	4.2	691	59	55
STATESVILLE	(N= 214)	659	37	672	45	659	3.4	671	44	46	672	49	672	40	668	3.4	671	41	48	690	54	665	41	672	3.5	679	48	48	666	3.4	672	41	47
SURRY COUNTY	(N= 560)	686	55	688	55	682	4.0	688	56	53	689	68	691	55	687	4.8	691	60	57	703	66	688	62	694	4.2	697	65	58	687	4.2	694	62	56
ELKIN CITY	(N= 89)	704	69	698	62	692	4.7	703	66	58	718	88	720	76	710	6.6	721	88	71	719	78	713	82	709	4.9	718	82	66	704	5.2	712	78	65
MOUNT AIRY	(N= 154)	693	61	698	61	696	4.9	696	62	59	699	76	704	65	699	5.6	703	72	64	723	80	703	74	716	5.2	714	80	68	704	5.2	704	71	64

152

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153

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Third Grade Report

CAT

California Achievement Tests
Form E Level 13
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311590
311 590

REGION 7

7
008

SPRING
1990
Run Date

05/25/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
WATAUGA CO (N= 343)	696	63	701	64	691	4.6	701	65	57	691	69	703	65	693	5.2	699	68	60	708	70	704	75	703	4.7	706	74	62	696	4.8	706	73	61
WILKES COUNTY (N= 764)	689	58	693	58	686	4.3	692	59	55	691	69	695	59	691	5.1	694	63	59	711	73	701	73	706	4.8	706	74	63	694	4.6	699	67	60
YADKIN COUNTY (N= 351)	688	57	689	56	684	4.2	690	57	54	690	69	698	61	694	5.3	697	66	60	711	73	695	68	703	4.7	704	72	62	694	4.6	699	67	59

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All entries represent appropriate averages derived through scale score

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CAT

California Achievement Tests
Form E Level 16
Published 1985

Sixth Grade Report

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311|591
311|591

REGION 7

7
007

SPRING
1990
Run Date

05/24/90

CTB ID School System School	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Application		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
SCHOOL SYSTEM AVERAGES																																
ALEXANDER CO (N= 346)	736	51	742	57	739	7.3	740	54	53	728	67	727	60	728	8.9	728	64	58	781	66	743	66	759	7.7	761	67	60	742	7.9	743	62	57
ALLEGHANY CO (N= 117)	734	49	741	55	737	7.1	738	52	52	727	65	722	56	724	8.5	722	58	56	784	69	740	63	760	7.8	760	66	60	740	7.8	741	60	56
ASHE COUNTY (N= 291)	748	62	749	65	748	8.0	747	62	58	731	70	734	66	733	9.8	733	69	61	796	82	753	77	773	8.8	774	81	68	751	8.6	751	71	63
AVERY COUNTY (N= 202)	737	52	742	56	739	7.3	741	55	54	719	57	724	58	721	8.3	719	54	55	773	58	737	60	755	7.5	754	59	57	738	7.6	738	56	55
BURKE COUNTY (N= 894)	740	54	744	59	740	7.3	743	58	54	730	68	728	61	728	8.9	729	64	59	786	72	742	65	761	7.9	764	70	61	743	8.0	745	65	58
CALDWELL CO (N= 951)	735	50	739	52	735	6.9	737	51	51	713	50	718	53	714	7.8	716	51	52	772	57	733	56	750	7.2	752	57	55	733	7.1	734	51	53
CATAWBA CO (N= 1033)	738	53	743	57	736	7.0	741	55	52	724	62	723	57	721	8.3	724	60	55	781	65	741	64	757	7.6	760	66	59	738	7.6	742	60	56
HICKORY CITY (N= 299)	744	58	747	62	743	7.6	746	41	56	727	65	730	63	729	9.1	730	66	59	777	62	739	62	757	7.6	757	62	59	743	8.0	746	66	58
NEWTON-CONOVE (N= 228)	737	52	742	56	734	6.9	738	52	51	725	63	726	59	722	8.4	727	63	56	771	55	740	63	752	7.3	753	57	56	736	7.4	738	56	55
DAVIE COUNTY (N= 373)	744	58	749	66	745	7.8	748	63	57	732	71	733	66	732	9.6	733	69	60	785	70	749	72	767	8.3	768	74	64	748	8.4	749	69	61
IREDELL CO (N= 819)	741	55	743	57	740	7.3	743	58	54	728	66	726	59	725	8.6	728	64	57	785	70	743	66	761	7.9	765	71	61	742	7.9	745	65	58
MOORESVILLE (N= 164)	731	47	742	56	738	7.2	736	49	52	721	59	727	60	724	8.5	722	58	57	774	59	737	60	758	7.7	755	60	59	740	7.8	739	56	56
STATESVILLE (N= 208)	716	34	734	44	724	6.2	725	39	46	715	52	709	45	709	6.5	712	47	50	772	56	724	47	745	6.9	748	52	52	726	6.5	728	45	49
SURRY COUNTY (N= 554)	737	52	744	58	738	7.2	742	56	53	727	65	725	59	725	8.6	727	62	57	783	68	735	58	757	7.6	758	63	59	740	7.8	741	60	56
ELKIN CITY (N= 61)	759	72	752	70	747	7.9	757	73	59	735	74	745	76	734	9.9	744	80	62	783	68	755	79	761	7.9	767	73	62	747	8.3	757	77	62
MOUNT AIRY (N= 167)	748	62	748	64	747	7.9	749	65	58	734	73	734	66	736	10.2	735	71	62	789	75	748	71	770	8.6	767	73	66	751	8.6	749	69	63

00-156

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

157

All entries represent appropriate averages derived through scale score.

1 Percentiles are derived from distributions of individual scores rather than distributions of group averages

Sixth Grade Report

CAT California Achievement Tests
Form E Level 16
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

311|591
311|591

REGION 7

7
008
SPRING
1990
Run Date
05/24/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts/Applications		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
WATAUGA CO (N= 326)	749	63	748	64	747	7.9	749	65	58	726	64	735	67	728	8.9	732	68	59	779	63	747	70	758	7.7	764	70	59	744	8.1	749	69	59
WILKES COUNTY (N= 793)	742	56	743	58	740	7.3	743	58	54	720	58	723	57	717	8.0	722	58	54	781	66	740	63	756	7.6	761	67	59	738	7.6	742	61	55
YADKIN COUNTY (N= 352)	739	54	742	56	739	7.3	739	53	54	721	59	725	59	723	8.5	725	61	56	782	67	737	60	756	7.6	758	63	58	740	7.8	742	61	56

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CAT
California Achievement Tests
Form E - Level 18
Published 1985

Eighth Grade Report

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311592
311 592

REGION 7

7
007

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

SCHOOL SYSTEM AVERAGES		Reading Vocabulary Median Scale Score	Reading Vocabulary Median National Percentile¹	Reading Comprehension Median Scale Score	Reading Comprehension Median National Percentile¹	Total Reading Mean Scale Score	Total Reading Grade Mean Equivalent	Total Reading Median Scale Score	Total Reading Median National Percentile¹	Total Reading Normal Curve Equivalent	Language Mechanics Median Scale Score	Language Mechanics Median National Percentile¹	Language Expression Median Scale Score	Language Expression Median National Percentile¹	Total Language Mean Scale Score	Total Language Grade Mean Equivalent	Total Language Median Scale Score	Total Language Median National Percentile¹	Total Language Normal Curve Equivalent	Mathematics Computation Median Scale Score	Mathematics Computation Median National Percentile¹	Mathematics Concepts Application Median Scale Score	Mathematics Concepts Application Median National Percentile¹	Total Mathematics Mean Scale Score	Total Mathematics Grade Mean Equivalent	Total Mathematics Median Scale Score	Total Mathematics Median National Percentile¹	Total Mathematics Normal Curve Equivalent	Total Battery Mean Scale Score	Total Battery Grade Mean Equivalent	Total Battery Median Scale Score	Total Battery Median National Percentile¹	Total Battery Normal Curve Equivalent
ALEXANDER CO	(N= 340)	768	56	759	54	763	9.4	764	55	53	728	56	740	53	734	9.9	734	54	54	806	62	763	59	782	9.8	784	61	56	759	9.5	762	57	54
ALLEGHANY CO	(N= 127)	771	59	761	58	766	9.8	767	59	55	740	71	747	58	741	11.8	744	64	58	821	81	763	59	788	11.6	793	71	60	765	10.4	766	63	58
ASHE COUNTY	(N= 265)	781	67	765	65	772	10.8	774	69	59	739	70	754	65	745	12.9	746	66	59	814	72	772	68	791	12.9	792	70	62	769	11.8	772	70	60
AVERY COUNTY	(N= 193)	763	51	760	56	760	9.0	761	51	51	727	56	743	55	729	9.1	735	55	51	807	63	764	61	783	10.0	788	66	57	757	9.2	762	58	53
BURKE COUNTY	(N= 867)	768	56	760	57	764	9.5	765	56	53	730	59	745	57	737	10.3	737	57	55	806	62	761	57	782	9.8	784	61	56	761	9.8	762	58	55
CALDWELL CO	(N= 848)	764	52	758	51	761	9.1	761	51	52	725	53	742	54	733	9.8	733	53	53	799	54	758	54	777	9.2	778	53	53	757	9.2	757	52	53
CATAWBA CO	(N= 955)	769	57	759	54	762	9.2	765	56	52	735	65	744	56	737	10.3	740	60	55	807	63	760	56	783	10.0	784	61	57	761	9.8	763	60	55
HICKORY CITY	(N= 313)	777	63	762	60	768	10.1	768	61	56	735	65	754	64	743	12.8	744	64	58	814	71	769	66	788	11.6	792	70	60	767	10.8	769	67	59
NEWTON-CONOVE	(N= 217)	760	48	757	48	757	8.7	758	48	50	732	61	744	56	735	10.0	738	58	54	802	57	755	51	777	9.2	777	52	53	756	9.1	756	51	53
DAVIE COUNTY	(N= 396)	775	61	762	59	767	9.9	769	62	55	737	68	751	62	743	12.8	745	65	59	809	66	768	65	785	10.5	790	68	58	765	10.4	768	65	58
IREDELL CO	(N= 703)	772	60	760	57	765	9.6	766	58	54	734	63	746	58	738	10.4	740	60	56	802	57	763	59	782	9.8	782	58	56	762	10.0	763	59	55
MOORESVILLE	(N= 191)	774	61	763	62	767	9.9	768	61	56	728	57	746	57	737	10.3	737	57	55	808	64	767	64	787	11.2	787	65	59	763	10.1	765	62	57
STATESVILLE	(N= 208)	765	53	758	52	761	9.1	761	51	52	725	53	739	52	731	9.4	731	51	53	810	67	759	55	780	9.5	785	62	55	757	9.2	760	55	53
SURRY COUNTY	(N= 594)	767	55	758	51	763	9.4	763	54	53	732	61	746	57	738	10.4	738	58	56	807	64	757	53	779	9.4	782	57	54	760	9.7	761	56	54
ELKIN CITY	(N= 59)	779	64	763	63	771	10.6	770	63	59	742	73	756	66	745	12.9	749	69	60	804	59	766	63	785	10.5	786	63	58	767	10.8	767	64	59
MOUNT AIRY	(N= 140)	794	76	766	69	777	12.4	781	76	63	744	75	759	68	751	12.9	754	73	63	827	87	772	68	796	12.9	798	77	65	774	12.9	778	76	64

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Eighth Grade Report

CAT California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311592
311 592

REGION 7

7
008

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics									
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
WATAUGA CO (N= 329)	781	67	764	64	773	11.0	773	68	60	736	66	753	63	745	12.9	746	66	59	805	61	771	68	787	11.2	787	64	59	768	11.2	771	69	60
WILKES COUNTY (N= 756)	765	53	750	52	762	9.2	762	52	52	727	55	742	54	732	9.6	735	55	53	804	59	758	54	780	9.5	782	57	54	758	9.4	759	54	53
YADKIN COUNTY (N= 361)	773	60	762	60	767	9.9	767	59	55	735	65	754	65	747	12.9	746	66	60	806	62	765	62	785	10.5	786	63	58	766	10.6	767	64	58

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CAT
California Achievement Tests
Form E Level 13
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Third Grade Report

SUMMARY REPORT

NORTH CAROLINA
ANNUAL
TESTING PROGRAM
BASIC SKILLS

311590
311 590

REGION 8

8
007

SPRING
1990
Run Date

05/25/90

CTB ID

School System

School

SCHOOL SYSTEM AVERAGES	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts and Applications		Total Mathematics					Total Battery				
	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
BUNCOMBE CO (N= 1639)	697	64	701	63	692	4.7	700	64	57	692	70	701	64	693	5.2	698	67	60	719	78	707	77	712	5.0	715	80	66	699	4.9	705	72	62
ASHEVILLE (N= 406)	685	55	690	56	682	4.0	690	57	54	683	62	690	55	684	4.5	686	56	55	708	71	694	67	700	4.5	704	72	61	689	4.3	694	62	57
CHEROKEE CO (N= 262)	709	72	703	64	699	5.0	708	70	60	719	89	707	68	706	6.2	714	82	68	725	82	709	79	715	5.2	719	83	68	707	5.3	713	79	66
CLAY COUNTY (N= 80)	688	57	697	60	686	4.3	695	61	55	697	75	697	61	692	5.1	698	67	59	718	78	690	64	704	4.7	706	74	63	694	4.6	696	64	60
GRAHAM COUNTY (N= 102)	665	40	691	57	673	3.7	678	49	51	696	75	694	59	693	5.2	702	70	60	719	78	683	57	698	4.4	704	72	60	688	4.2	691	59	57
HAYWOOD CO (N= 510)	703	68	697	61	695	4.9	703	66	58	691	69	703	65	696	5.4	698	67	61	711	73	702	74	706	4.8	708	75	63	699	4.9	704	71	61
HENDERSON CO (N= 660)	703	68	704	65	698	5.0	705	68	60	694	72	703	65	697	5.5	703	71	62	719	78	710	80	714	5.1	716	81	67	703	5.1	711	77	64
HENDERSONVILL (N= 115)	718	77	708	68	706	5.3	716	75	62	713	86	715	72	709	6.5	715	83	69	711	73	708	78	709	4.9	714	80	65	708	5.4	717	82	67
JACKSON CO (N= 267)	697	64	699	62	692	4.7	698	63	57	699	77	704	66	700	5.7	707	74	63	721	79	699	71	712	5.0	714	80	66	701	5.0	705	72	63
MACON COUNTY (N= 259)	702	67	699	62	700	5.1	703	66	60	712	85	707	68	708	6.4	713	81	68	719	78	711	80	716	5.2	718	82	68	708	5.4	711	77	66
MADISON CO (N= 188)	685	55	692	58	683	4.1	694	60	54	694	73	695	59	692	5.1	698	67	59	712	74	702	74	709	4.9	710	77	65	695	4.7	700	68	60
MCDOWELL CO (N= 465)	685	55	694	59	684	4.2	691	58	54	687	66	694	58	688	4.9	692	61	57	721	79	700	72	710	5.0	714	80	65	693	4.6	699	67	59
MITCHELL CO (N= 180)	708	72	704	65	707	5.4	710	71	63	711	85	708	69	706	6.2	712	80	67	736	87	705	76	721	5.4	723	85	71	712	5.6	712	78	68
POLK COUNTY (N= 139)	703	68	702	64	700	5.1	709	70	60	701	78	707	68	704	6.0	708	75	66	717	77	698	71	709	4.9	710	77	65	704	5.2	712	78	64
RUTHERFORD CO (N= 745)	683	54	689	56	681	4.0	688	56	53	690	69	689	54	687	4.8	693	62	57	714	75	692	65	701	4.6	704	72	61	689	4.3	697	65	57
SWAIN COUNTY (N= 108)	701	67	699	62	691	4.6	704	66	57	708	83	699	62	696	5.4	708	75	62	720	78	705	75	712	5.0	715	81	66	700	5.0	711	77	63

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CAT

California Achievement Tests
Form E Level 13
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Third Grade Report

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM
BASIC SKILLS

311590
311 590

REGION 8

8
008

SPRING
1990
Run Date
05/25/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics									
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
TRANSYLVANIA (N= 239)	710	73	708	68	707	5.4	712	73	63	698	76	709	69	702	5.8	705	73	65	712	74	705	76	708	4.9	708	76	65	705	5.2	712	78	65
YANCEY COUNTY (N= 181)	702	68	697	61	697	5.0	703	66	59	700	77	698	62	698	5.5	701	69	62	733	86	708	78	720	5.4	723	85	70	705	5.2	710	76	65

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All entries represent appropriate averages derived through scale score

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Sixth Grade Report

CAT California Achievement Tests
Form E Level 16
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311|591
311|591

REGION 8

8
007
SPRING
1990
Run Date
05/24/90

CTB ID
School System
School

SCHOOL SYSTEM AVERAGES	Reading				Total Reading					Language				Total Language					Mathematics				Total Mathematics					Total Battery				
	Vocabulary Median Scale Score	Vocabulary Median National Percentile¹	Comprehension Median Scale Score	Comprehension Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mechanics Median Scale Score	Mechanics Median National Percentile¹	Expression Median Scale Score	Expression Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Computation Median Scale Score	Computation Median National Percentile¹	Concepts and Applications Median Scale Score	Concepts and Applications Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
BUNCOMBE CO (N= 1632)	744	58	746	61	743	7.6	745	60	56	724	62	727	60	725	8.6	726	62	57	785	70	748	71	764	8.1	766	72	63	744	8.1	746	65	59
ASHEVILLE (N= 364)	731	47	737	49	734	6.9	734	47	51	720	58	722	56	719	8.2	723	59	55	772	57	733	56	751	7.2	753	57	55	734	7.2	735	52	54
CHEROKEE CO (N= 271)	742	56	743	57	740	7.3	742	56	54	725	64	727	60	725	8.6	726	62	57	794	80	747	70	769	8.5	769	75	66	745	8.2	747	66	59
CLAY COUNTY (N= 92)	737	52	739	52	735	6.9	737	51	51	731	70	733	65	730	9.2	730	66	59	798	84	742	65	768	8.4	772	79	65	744	8.1	745	65	59
GRAHAM COUNTY (N= 114)	739	53	742	56	738	7.2	740	54	53	738	77	725	59	728	8.9	732	68	58	785	70	739	62	757	7.6	763	69	59	741	7.9	744	64	57
HAYWOOD CO (N= 549)	749	63	749	65	746	7.8	748	64	57	735	74	732	65	733	9.8	733	69	61	794	80	745	68	770	8.6	768	74	66	750	8.5	750	70	62
HENDERSON CO (N= 635)	752	66	750	68	749	8.1	751	67	59	728	67	734	66	730	9.2	732	68	60	790	76	751	74	768	8.4	771	78	65	749	8.5	751	71	62
HENDERSONVILL (N= 115)	746	60	748	64	743	7.6	748	53	56	729	68	735	67	729	9.1	733	69	60	769	53	736	59	755	7.5	752	56	57	742	7.9	745	65	58
JACKSON CO (N= 290)	742	56	745	60	742	7.5	743	58	55	724	62	725	58	725	8.6	726	62	57	785	70	744	67	763	8.0	764	70	62	743	8.0	744	63	58
MACON COUNTY (N= 270)	752	66	751	69	748	8.0	751	67	59	731	70	733	65	731	9.4	735	71	61	785	70	749	72	764	8.1	764	70	63	747	8.3	751	71	61
MADISON CO (N= 192)	735	50	739	52	732	6.7	739	53	51	715	52	716	51	711	6.7	715	51	51	771	55	731	54	748	7.1	750	54	54	730	6.8	735	53	52
MCDOWELL CO (N= 464)	743	57	746	61	743	7.6	744	59	56	727	65	731	64	729	9.1	729	65	59	782	67	741	64	760	7.8	762	68	61	744	8.1	745	64	59
MITCHELL CO (N= 188)	745	59	751	69	747	7.9	749	64	57	729	68	735	67	731	9.4	733	69	60	796	82	751	74	774	8.9	773	80	68	750	8.5	751	72	62
POLK COUNTY (N= 134)	751	65	750	68	752	8.3	750	66	60	729	68	740	71	736	10.2	734	70	62	795	81	754	78	774	8.9	771	78	68	754	8.8	752	72	64
RUTHERFORD CO (N= 744)	730	46	738	51	731	6.7	734	47	49	719	57	720	55	716	8.0	720	55	53	778	62	736	59	751	7.2	758	63	56	733	7.1	737	55	53
SWAIN COUNTY (N= 120)	756	70	754	72	752	8.3	757	72	60	737	76	738	69	738	10.4	738	74	64	805	89	762	84	782	9.8	782	87	73	757	9.2	761	81	67

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

All entries represent appropriate averages derived through scale score

1 Percentiles are derived from distributions of individual scores rather than distributions of group averages

Sixth Grade Report

CAT California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

SUMMARY REPORT

311|591
311|591

REGION 8

8
008

SPRING
1990
Run Date
05/24/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts Applications		Total Mathematics					Total Battery				
	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
TRANSYLVANIA (N= 302)	744	58	748	63	742	7.5	747	62	56	720	58	722	56	719	8.2	722	58	55	769	54	741	64	752	7.3	756	61	56	738	7.6	742	61	56
YANCEY COUNTY (N= 176)	745	59	743	58	741	7.4	745	60	55	731	70	727	60	728	8.9	730	66	58	779	63	738	61	755	7.5	757	62	57	741	7.9	743	62	57

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

All entries represent appropriate averages derived through scale score.

[1] Percentiles are derived from distributions of individual scores rather than distributions of group averages.

CAT California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Eighth Grade Report

SUMMARY REPORT

311|59

REGION 8

8
007
SPRING
1990
Run Date
05/24/90

CTB ID

School System

School

	Reading									Language									Mathematics									Total Battery				
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language					Computation		Concepts and Applications		Total Mathematics									
SCHOOL SYSTEM AVERAGES	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Median Scale Score	Median National Percentile¹	Median Scale Score	Median National Percentile¹	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile¹	Normal Curve Equivalent
BUNCOMBE CO (N= 1581)	775	62	762	61	768	10.1	769	62	56	732	61	752	62	741	11.8	744	63	57	804	60	770	66	784	10.2	787	65	58	764	10.3	767	64	57
ASHEVILLE (N= 312)	776	62	763	62	769	10.3	770	63	57	735	65	755	65	742	12.3	745	65	58	806	62	769	66	784	10.2	787	65	58	766	10.6	767	64	59
CHEROKEE CO (N= 299)	774	61	762	60	767	9.9	767	59	55	735	65	748	60	744	12.9	744	64	58	813	70	769	66	790	12.9	794	73	61	767	10.8	768	65	59
CLAY COUNTY (N= 82)	774	61	761	57	766	9.8	767	59	55	724	52	749	60	739	10.6	735	55	55	836	92	772	68	803	12.9	801	80	69	769	11.8	769	66	60
GRAHAM COUNTY (N= 98)	765	53	758	51	761	9.1	763	53	52	753	83	749	60	745	12.9	751	71	60	796	49	755	51	776	9.1	774	48	52	761	9.8	764	61	55
HAYWOOD CO (N= 553)	776	62	762	60	770	10.4	768	61	57	734	64	750	61	743	12.8	742	62	58	814	72	766	63	790	12.9	791	69	61	767	10.8	766	63	59
HENDERSON CO (N= 658)	774	61	759	54	766	9.8	767	59	55	723	51	743	55	732	9.6	733	53	53	806	62	766	63	783	10.0	786	63	57	760	9.7	761	56	55
HENDERSONVILL (N= 127)	776	62	763	62	769	10.3	769	62	57	733	62	754	64	743	12.8	747	67	59	809	66	767	64	787	11.2	786	63	59	766	10.6	767	64	59
JACKSON CO (N= 282)	778	64	763	62	770	10.4	770	63	57	732	61	753	63	742	12.3	740	60	58	817	76	772	69	793	12.9	796	75	63	768	11.2	769	66	60
MACON COUNTY (N= 220)	774	61	762	60	769	10.3	768	61	56	733	63	748	59	741	11.8	742	62	57	812	69	767	64	791	12.9	789	66	62	767	10.8	767	64	59
MADISON CO (N= 202)	760	49	759	53	758	8.7	759	49	50	727	55	731	45	726	8.7	730	50	50	796	49	756	52	774	8.9	775	50	51	753	8.7	754	49	50
MCDOWELL CO (N= 452)	771	59	761	57	765	9.6	766	58	54	732	61	744	56	737	10.3	737	57	55	804	59	763	59	779	9.4	784	60	54	760	9.7	762	57	55
MITCHELL CO (N= 179)	774	61	762	61	769	10.3	770	64	57	730	59	749	60	741	11.8	741	61	57	803	58	763	60	785	10.5	785	62	57	765	10.4	766	63	57
POLK COUNTY (N= 138)	766	54	763	61	766	9.8	764	55	54	730	58	746	58	739	10.6	737	57	56	811	68	764	61	790	12.9	789	66	60	764	10.3	763	59	57
RUTHERFORD CO (N= 773)	762	50	757	49	759	8.8	759	49	50	733	62	739	52	734	9.9	737	57	54	804	59	759	55	778	9.3	782	58	54	757	9.2	760	55	53
SWAIN COUNTY (N= 109)	771	59	761	57	763	9.4	766	57	53	732	61	741	54	735	10.0	736	56	54	810	67	763	59	785	10.5	790	67	58	761	9.8	763	60	55

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

All entries represent appropriate averages derived through scale score.

1 Percentiles are derived from distributions of individual scores rather than distributions of group averages.

CAT

California Achievement Tests
Form E Level 18
Published 1985

STUDENT INFORMATION QUESTIONNAIRE

Eighth Grade Report

SUMMARY REPORT

311 592
311 592

REGION 8

8
008

SPRING
1990
Run Date

05/24/90

CTB ID

School System

School

	Reading									Language								
	Vocabulary		Comprehension		Total Reading					Mechanics		Expression		Total Language				
CTB ID / School System / School	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
TRANSYLVANIA (N= 313)	774	61	761	57	768	10.1	767	59	56	725	53	746	58	736	10.2	735	55	54
YANCEY COUNTY (N= 199)	770	58	759	53	765	9.6	765	56	54	730	59	744	56	737	10.3	737	57	55

	Mathematics									Total Battery				
	Computation		Concepts Application		Total Mathematics									
CTB ID / School System / School	Median Scale Score	Median National Percentile[1]	Median Scale Score	Median National Percentile[1]	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent	Mean Scale Score	Grade Mean Equivalent	Median Scale Score	Median National Percentile[1]	Normal Curve Equivalent
TRANSYLVANIA (N= 313)	807	63	762	58	782	9.8	784	60	56	762	10.0	762	58	55
YANCEY COUNTY (N= 199)	806	62	754	50	780	9.5	781	57	55	760	9.7	760	55	54

* INDICATES MEDIAN SCALE SCORES AND MEDIAN NATIONAL PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

All entries represent appropriate averages derived through scale score.

[1] Percentiles are derived from distributions of individual scores rather than distributions of group averages.

APPENDIX C

Regional Summary Reports (LEAs)

North Carolina Science and Social Studies Tests

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

GRADE 3

358|546
368|546

REGION: 1

FORM : B

I
PAGE 1

SPRING
1990

Run Date

05/24/90

CTB ID

School System

School

SCIENCE

CTB ID / School System / School	LIFE SCIENCE (15 Items) Number[1]	LIFE SCIENCE (15 Items) Percentage[2]	PHYSICAL SCIENCE (15 Items) Number[1]	PHYSICAL SCIENCE (15 Items) Percentage[2]	EARTH SCIENCE (15 Items) Number[1]	EARTH SCIENCE (15 Items) Percentage[2]	PROCESS (15 Items) Number[1]	PROCESS (15 Items) Percentage[2]	LOWER ORDER (13 Items) Number[1]	LOWER ORDER (13 Items) Percentage[2]	HIGHER ORDER (47 Items) Number[1]	HIGHER ORDER (47 Items) Percentage[2]	TOTAL SCORE (60 Items) Number[1]	TOTAL SCORE (60 Items) Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 1 AVERAGE (N = 4781)	9	60	9	60	9	60	10	67	9	69	29	62	37	62	50
STATE AVERAGE (N = 82791)	10	67	10	67	9	60	10	67	9	69	29	62	38	63	54
SCHOOL SYSTEM AVERAGES															
BEAUFORT CO (N = 293)	10	67	10	67	10	67	10	67	9	69	30	64	39	65	59
WASHINGTON (N = 287)	9	60	9	60	9	60	10	67	8	62	28	60	37	62	50
BERTIE COUNTY (N = 302)	9	60	9	60	9	60	9	60	8	62	27	57	36	60	46
CAMDEN COUNTY (N = 87)	11	73	10	67	11	73	11	73	10	77	33	70	44	73	79
CHOWAN COUNTY (N = 205)	9	60	8	53	8	53	9	60	8	62	26	55	34	57	37
CURRITUCK CO (N = 202)	10	67	10	67	10	67	10	67	9	69	30	64	40	67	63
DARE COUNTY (N = 277)	10	67	10	67	10	67	10	67	9	69	31	66	40	67	63
GATES COUNTY (N = 123)	9	60	10	67	10	67	9	60	9	69	28	60	38	63	54
HERTFORD CO (N = 277)	11	73	10	67	10	67	10	67	9	69	32	68	41	68	67
HYDE COUNTY (N = 74)	11	73	9	60	10	67	10	67	9	69	31	66	40	67	63
MARTIN COUNTY (N = 344)	9	60	9	60	9	60	9	60	9	69	27	57	36	60	46
PASQUOTANK CO (N = 466)	9	60	9	60	9	60	9	60	8	62	28	60	36	60	46

SOCIAL STUDIES

CTB ID / School System / School	HISTORY (12 Items) Number[1]	HISTORY (12 Items) Percentage[2]	GEOGRAPHY (12 Items) Number[1]	GEOGRAPHY (12 Items) Percentage[2]	ECONOMICS (12 Items) Number[1]	ECONOMICS (12 Items) Percentage[2]	GOVERNMENT (12 Items) Number[1]	GOVERNMENT (12 Items) Percentage[2]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Percentage[2]	LOWER ORDER (33 Items) Number[1]	LOWER ORDER (33 Items) Percentage[2]	HIGHER ORDER (27 Items) Number[1]	HIGHER ORDER (27 Items) Percentage[2]	TOTAL SCORE (60 Items) Number[1]	TOTAL SCORE (60 Items) Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 1 AVERAGE (N = 4781)	8	67	9	75	8	67	8	67	10	83	23	70	18	67	41	68	51
STATE AVERAGE (N = 82791)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
SCHOOL SYSTEM AVERAGES																	
BEAUFORT CO (N = 293)	9	75	9	75	8	67	8	67	10	83	24	73	20	74	44	73	62
WASHINGTON (N = 287)	8	67	8	67	7	58	7	58	10	83	23	70	17	63	40	67	48
BERTIE COUNTY (N = 302)	8	67	7	58	7	58	7	58	9	75	22	67	17	63	39	65	44
CAMDEN COUNTY (N = 87)	10	83	10	83	9	75	9	75	10	83	26	79	21	78	48	80	75
CHOWAN COUNTY (N = 205)	9	75	8	67	7	58	7	58	10	83	23	70	18	67	41	68	51
CURRITUCK CO (N = 202)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	44	73	62
DARE COUNTY (N = 277)	8	67	10	83	8	67	8	67	10	83	25	76	19	70	43	72	58
GATES COUNTY (N = 123)	8	67	8	67	8	67	8	67	9	75	22	67	18	67	42	70	55
HERTFORD CO (N = 277)	9	75	8	67	8	67	8	67	10	83	24	73	20	74	43	72	58
HYDE COUNTY (N = 74)	10	83	9	75	8	67	8	67	10	83	24	73	21	78	45	75	65
MARTIN COUNTY (N = 344)	8	67	8	67	7	58	7	58	9	75	22	67	18	67	40	67	48
PASQUOTANK CO (N = 466)	8	67	8	67	7	58	8	67	9	75	23	70	18	67	41	68	51

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items

2 Percentage = Percentage of Correct Items

+ + = 100%

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

GRADE 3

REGION: 1

FORM : B

PAGE 1 2

SPRING 1990

Run Date 05/24/90

CTB ID

School System

School

SCIENCE

	LIFE SCIENCE (15 Items)		PHYSICAL SCIENCE (15 Items)		EARTH SCIENCE (15 Items)		PROCESS (15 Items)		LOWER ORDER (13 Items)		HIGHER ORDER (47 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
PERQUIMANS CO (N = 150)	10	67	9	60	9	60	9	60	8	62	30	64	38	63	54
PITT COUNTY (N = 1395)	9	60	9	60	9	60	10	67	9	69	29	62	37	62	50
TYRRELL CO (N = 75)	9	60	8	53	8	53	10	67	8	62	28	60	36	60	46
WASHINGTON CO (N = 224)	9	60	8	53	8	53	8	53	8	62	25	53	33	55	33

SOCIAL STUDIES

	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (33 Items)		HIGHER ORDER (27 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
PERQUIMANS CO (N = 150)	8	67	8	67	8	67	8	67	10	83	23	70	19	70	43	72	58
PITT COUNTY (N = 1395)	8	67	9	75	8	67	8	67	10	83	23	70	18	67	41	68	51
TYRRELL CO (N = 75)	8	67	8	67	6	50	7	58	9	75	21	64	16	59	38	63	41
WASHINGTON CO (N = 224)	8	67	8	67	7	58	7	58	9	75	21	64	17	63	38	63	41

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

179

[1] Number = Number of Correct Items [2] Percentage = Percentage of Correct Items

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

100%

180

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

GRADE 6

355547
359547

REGION: 1

FORM : B

1
PAGE 1

SPRING
1990

Run Date

05/24/90

SCIENCE

CTB ID School System School	LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (21 Items)		HIGHER ORDER (39 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 1 AVERAGE (N = 4620)	8	67	9	75	7	58	7	58	8	67	12	57	27	69	38	63	49
STATE AVERAGE (N = 80475)	8	67	9	75	7	58	7	58	8	67	12	57	28	72	39	65	52
SCHOOL SYSTEM AVERAGES																	
BEAUFORT CO (N = 284)	8	67	9	75	7	58	7	58	8	67	12	57	27	69	39	65	52
WASHINGTON (N = 302)	8	67	9	75	8	67	7	58	8	67	12	57	28	72	40	67	56
BERTIE COUNTY (N = 302)	7	58	8	67	6	50	6	50	7	58	11	52	23	59	34	57	34
CAMDEN COUNTY (N = 84)	9	75	9	75	8	67	7	58	9	75	12	57	29	74	41	68	60
CHOWAN COUNTY (N = 204)	8	67	8	67	7	58	6	50	8	67	11	52	26	67	37	62	45
CURRITUCK CO (N = 167)	9	75	8	67	8	67	7	58	8	67	12	57	28	72	40	67	56
DARE COUNTY (N = 223)	8	67	9	75	8	67	7	58	9	75	12	57	29	74	41	68	60
GATES COUNTY (N = 121)	9	75	9	75	9	75	7	58	8	67	13	62	29	74	42	70	64
HERTFORD CO (N = 292)	8	67	8	67	6	50	6	50	8	67	11	52	25	64	35	58	37
HYDE COUNTY (N = 58)	9	75	10	83	9	75	8	67	9	75	14	67	31	79	45	75	76
MARTIN COUNTY (N = 371)	8	67	9	75	7	58	7	58	8	67	11	52	26	67	37	62	45
PASQUOTANK CO (N = 446)	8	67	9	75	7	58	7	58	8	67	12	57	28	72	39	65	52

SOCIAL STUDIES

CTB ID School System School	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (27 Items)		HIGHER ORDER (33 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 1 AVERAGE (N = 4620)	8	67	8	67	8	67	8	67	7	58	17	63	22	67	38	63	45
STATE AVERAGE (N = 80475)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
SCHOOL SYSTEM AVERAGES																	
BEAUFORT CO (N = 284)	8	67	8	67	8	67	8	67	8	67	18	67	23	70	40	67	51
WASHINGTON (N = 302)	8	67	8	67	8	67	8	67	7	58	17	63	22	67	39	65	48
BERTIE COUNTY (N = 302)	7	58	7	58	6	50	7	58	7	58	14	52	19	58	33	55	30
CAMDEN COUNTY (N = 84)	9	75	10	83	9	75	9	75	8	67	19	70	26	79	44	73	64
CHOWAN COUNTY (N = 204)	7	58	8	67	7	58	7	58	7	58	16	59	20	61	37	62	42
CURRITUCK CO (N = 167)	8	67	9	75	8	67	8	67	8	67	18	67	23	70	41	68	54
DARE COUNTY (N = 223)	8	67	9	75	8	67	8	67	7	58	19	70	23	70	41	68	54
GATES COUNTY (N = 121)	9	75	9	75	8	67	8	67	8	67	19	70	23	70	41	68	54
HERTFORD CO (N = 292)	7	58	7	58	7	58	7	58	6	50	15	56	19	58	33	55	30
HYDE COUNTY (N = 58)	8	67	10	83	8	67	9	75	9	75	20	74	24	73	45	75	68
MARTIN COUNTY (N = 371)	8	67	8	67	8	67	8	67	7	58	17	63	22	67	38	63	45
PASQUOTANK CO (N = 446)	8	67	8	67	8	67	8	67	8	67	18	67	23	70	40	67	51

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

+ + = 100%

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

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NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

GRADE 6

359/547

REGION: 1

FORM : B

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CTB ID School System School		LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (21 Items)		HIGHER ORDER (39 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE³ (Total Score)
		Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
PERQUIMANS CO	(N = 164)	8	67	8	67	7	58	7	58	8	67	11	52	27	69	38	63	49
PITT COUNTY	(N = 1289)	8	67	9	75	7	58	7	58	8	67	12	57	27	69	39	65	52
TYRRELL CO	(N = 78)	9	75	9	75	7	58	7	58	9	75	12	57	27	69	39	65	52
WASHINGTON CO	(N = 235)	8	67	8	67	7	58	6	50	7	58	10	48	25	64	36	60	41

CTB ID School System School		HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (27 Items)		HIGHER ORDER (33 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE³ (Total Score)
		Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
PERQUIMANS CO	(N = 164)	8	67	9	75	7	58	8	67	7	58	18	67	22	67	39	65	48
PITT COUNTY	(N = 1289)	8	67	8	67	8	67	8	67	7	58	17	63	22	67	38	63	45
TYRRELL CO	(N = 78)	8	67	8	67	8	67	8	67	8	67	18	67	22	67	39	65	48
WASHINGTON CO	(N = 235)	7	58	8	67	7	58	7	58	7	58	16	59	21	64	36	60	39

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

183

[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

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	SCIENCE																	SOCIAL STUDIES																
CTB ID School System School	LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (19 Items)		HIGHER ORDER (41 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (23 Items)		HIGHER ORDER (37 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 1 AVERAGE (N = 4367)	8	67	7	58	7	58	7	58	7	58	12	63	25	61	36	60	52	7	58	8	67	8	67	7	58	7	58	14	61	23	62	37	62	48
STATE AVERAGE (N = 77430)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52	8	67	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
SCHOOL SYSTEM AVERAGES																																		
BEAUFORT CO (N = 326)	8	67	7	58	7	58	7	58	7	58	12	63	24	59	36	60	52	7	58	7	58	7	58	7	58	7	58	14	61	22	59	36	60	44
WASHINGTON (N = 304)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	34	57	44	7	58	8	67	7	58	7	58	7	58	13	57	23	62	37	62	48
BERTIE COUNTY (N = 290)	8	67	6	50	6	50	7	58	6	50	11	58	22	54	32	53	37	7	58	7	58	7	58	7	58	7	58	14	61	22	59	35	58	41
CAMDEN COUNTY (N = 66)	9	75	7	58	7	58	8	67	8	67	12	63	26	63	38	63	61	7	58	8	67	8	67	7	58	7	58	14	61	22	59	37	62	48
CHOWAN COUNTY (N = 152)	9	75	7	58	7	58	8	67	8	67	12	63	27	66	39	65	64	8	67	9	75	9	75	8	67	8	67	16	70	26	70	42	70	66
CURRITUCK CO (N = 183)	8	67	8	67	7	58	8	67	8	67	12	63	27	66	39	65	64	8	67	9	75	9	75	7	58	8	67	16	70	25	68	41	68	62
DARE COUNTY (N = 205)	9	75	7	58	8	67	8	67	8	67	13	68	27	66	40	67	68	8	67	9	75	9	75	8	67	8	67	16	70	25	68	41	68	62
GATES COUNTY (N = 112)	8	67	6	50	5	42	6	50	6	50	9	47	22	54	32	53	37	7	58	7	58	7	58	6	50	6	50	13	57	21	57	33	55	34
HERTFORD CO (N = 291)	9	75	8	67	10	83	10	83	8	67	15	79	30	73	44	73	82	6	50	7	58	7	58	6	50	7	58	12	52	19	51	31	52	28
HYDE COUNTY (N = 67)	9	75	7	58	6	50	7	58	7	58	11	58	24	59	35	58	48	7	58	8	67	8	67	7	58	7	58	14	61	23	62	38	63	51
MARTIN COUNTY (N = 363)	8	67	7	58	6	50	7	58	7	58	10	53	24	59	34	57	44	7	58	8	67	8	67	6	50	7	58	14	61	22	59	36	60	44
PASQUOTANK CO (N = 365)	8	67	7	58	7	58	7	58	7	58	12	63	25	61	37	62	57	7	58	7	58	7	58	6	50	7	58	13	57	22	59	35	58	41

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[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

* * = 100%

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

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School System

School

SCIENCE

School	LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (19 Items)		HIGHER ORDER (41 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE³ (Total Score)
	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
PERQUIMANS CO (N = 123)	9	75	7	58	7	58	7	58	8	67	12	63	26	63	37	62	57
PITT COUNTY (N = 1250)	8	67	7	58	7	58	7	58	7	58	12	63	24	59	36	60	52
TYRRELL CO (N = 57)	8	67	7	58	7	58	7	58	7	58	12	63	26	63	37	62	57
WASHINGTON CO (N = 213)	8	67	7	58	6	50	7	58	6	50	11	58	23	56	33	55	40

SOCIAL STUDIES

School	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (23 Items)		HIGHER ORDER (37 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE³ (Total Score)
	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
PERQUIMANS CO (N = 123)	8	67	9	75	8	67	7	58	7	58	14	61	23	62	38	63	51
PITT COUNTY (N = 1250)	8	67	8	67	8	67	7	58	7	58	14	61	23	62	37	62	48
TYRRELL CO (N = 57)	8	67	8	67	8	67	7	58	9	75	16	70	25	68	41	68	62
WASHINGTON CO (N = 213)	7	58	8	67	8	67	7	58	7	58	14	61	22	59	36	60	44

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1 Number = Number of Correct Items
2 Percentage = Percentage of Correct Items
3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

** = 100%

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NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

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CTB ID School System School	SCIENCE: LIFE SCIENCE (15 Items) Number[1]	Percentage[2]	PHYSICAL SCIENCE (15 Items) Number[1]	Percentage[2]	EARTH SCIENCE (15 Items) Number[1]	Percentage[2]	PROCESS (15 Items) Number[1]	Percentage[2]	LOWER ORDER (13 Items) Number[1]	Percentage[2]	HIGHER ORDER (47 Items) Number[1]	Percentage[2]	TOTAL SCORE (60 Items) Number[1]	Percentage[2]	STATE PERCENTILE[3] (Total Score)
SAMPSON CO (N = 451)	10	67	9	60	10	67	9	60	9	69	29	62	38	63	54
CLINTON CITY (N = 206)	10	67	10	67	10	67	9	60	10	77	28	60	38	63	54
WAYNE COUNTY (N = 1051)	10	67	10	67	10	67	10	67	9	69	30	64	39	65	59
GOLDSBORO (N = 346)	8	53	8	53	7	47	8	53	8	62	24	51	31	52	26

CTB ID School System School	SOCIAL STUDIES: HISTORY (12 Items) Number[1]	Percentage[2]	GEOGRAPHY (12 Items) Number[1]	Percentage[2]	ECONOMICS (12 Items) Number[1]	Percentage[2]	GOVERNMENT (12 Items) Number[1]	Percentage[2]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1]	Percentage[2]	LOWER ORDER (33 Items) Number[1]	Percentage[2]	HIGHER ORDER (27 Items) Number[1]	Percentage[2]	TOTAL SCORE (60 Items) Number[1]	Percentage[2]	STATE PERCENTILE[3] (Total Score)
SAMPSON CO (N = 451)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
CLINTON CITY (N = 206)	9	75	8	67	8	67	7	58	10	83	23	70	19	70	42	70	55
WAYNE COUNTY (N = 1051)	8	67	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
GOLDSBORO (N = 346)	8	67	8	67	6	50	7	58	9	75	22	67	16	59	38	63	41

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[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

- - = 100%

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages

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NORTH CAROLINA SCIENCE TEST
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CTB ID

School System

School

SCIENCE

School System / School	N	LIFE SCIENCE (15 Items) Number[1]	LIFE SCIENCE Percentage[2]	PHYSICAL SCIENCE (15 Items) Number[1]	PHYSICAL SCIENCE Percentage[2]	EARTH SCIENCE (15 Items) Number[1]	EARTH SCIENCE Percentage[2]	PROCESS (15 Items) Number[1]	PROCESS Percentage[2]	LOWER ORDER (13 Items) Number[1]	LOWER ORDER Percentage[2]	HIGHER ORDER (47 Items) Number[1]	HIGHER ORDER Percentage[2]	TOTAL SCORE (60 Items) Number[1]	TOTAL SCORE Percentage[2]	STATE PERCENTILE[3] (Total Score)
SAMPSON CO	(N = 451)	10	67	9	60	10	67	9	60	9	69	29	62	38	63	54
CLINTON CITY	(N = 206)	10	67	10	67	10	67	9	60	10	77	28	60	38	63	54
WAYNE COUNTY	(N = 1051)	10	67	10	67	10	67	10	67	9	69	30	64	39	65	59
GOLDSBORO	(N = 346)	8	53	8	53	7	47	8	53	8	62	24	51	31	52	26

SOCIAL STUDIES

School System / School	N	HISTORY (12 Items) Number[1]	HISTORY Percentage[2]	GEOGRAPHY (12 Items) Number[1]	GEOGRAPHY Percentage[2]	ECONOMICS (12 Items) Number[1]	ECONOMICS Percentage[2]	GOVERNMENT (12 Items) Number[1]	GOVERNMENT Percentage[2]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1]	ANTHROPOLOGY-SOCIOLOGY Percentage[2]	LOWER ORDER (33 Items) Number[1]	LOWER ORDER Percentage[2]	HIGHER ORDER (27 Items) Number[1]	HIGHER ORDER Percentage[2]	TOTAL SCORE (60 Items) Number[1]	TOTAL SCORE Percentage[2]	STATE PERCENTILE[3] (Total Score)
SAMPSON CO	(N = 451)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
CLINTON CITY	(N = 206)	9	75	8	67	8	67	7	58	10	83	23	70	19	70	42	70	55
WAYNE COUNTY	(N = 1051)	8	67	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
GOLDSBORO	(N = 346)	8	67	8	67	6	50	7	58	9	75	22	67	16	59	38	63	41

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[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

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[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages

NORTH CAROLINA SCIENCE TEST

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School System

School

	SCIENCE																	SOCIAL STUDIES																
	LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (21 Items)		HIGHER ORDER (39 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILES[3] (Total Score)	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (27 Items)		HIGHER ORDER (33 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILES[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 2 AVERAGE (N = 9244)	9	75	9	75	7	58	7	58	8	67	12	57	28	72	39	65	52	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
STATE AVERAGE (N = 80475)	8	67	9	75	7	58	7	58	8	67	12	57	28	72	39	65	52	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
SCHOOL SYSTEM AVERAGES																																		
BRUNSWICK CO (N = 612)	8	67	8	67	7	58	6	50	8	67	11	52	26	67	37	62	45	8	67	8	67	8	67	8	67	7	58	17	63	21	64	38	63	45
CARTERET CO (N = 573)	9	75	9	75	7	58	7	58	8	67	12	57	28	72	40	67	56	8	67	9	75	8	67	9	75	8	67	19	70	23	70	42	70	58
CRAVEN COUNTY (N = 1084)	8	67	8	67	7	58	7	58	8	67	11	52	27	69	38	63	49	8	67	8	67	7	58	8	67	7	58	16	59	21	64	37	62	42
DUPLIN COUNTY (N = 560)	9	75	9	75	7	58	7	58	8	67	12	57	28	72	40	67	56	8	67	8	67	8	67	8	67	8	67	18	67	22	67	40	67	51
GREENE COUNTY (N = 200)	8	67	8	67	7	58	7	58	7	58	12	57	26	67	37	62	45	7	58	8	67	7	58	7	58	6	50	15	56	20	61	35	58	36
JONES COUNTY (N = 121)	8	67	8	67	7	58	7	58	8	67	12	57	26	67	38	63	49	8	67	8	67	7	58	8	67	7	58	17	63	21	64	38	63	45
LENOIR COUNTY (N = 468)	8	67	8	67	7	58	6	50	8	67	11	52	26	67	38	63	49	7	58	9	75	8	67	8	67	7	58	17	63	21	64	38	63	45
KINSTON CITY (N = 326)	8	67	9	75	7	58	7	58	8	67	12	57	26	67	38	63	49	8	67	8	67	8	67	8	67	7	58	17	63	22	67	39	65	48
NEW HANOVER (N = 1452)	9	75	9	75	8	67	8	67	9	75	13	62	30	77	43	72	68	9	75	10	83	9	75	9	75	8	67	19	70	24	73	44	73	64
ONSLOW COUNTY (N = 1298)	9	75	9	75	8	67	7	58	9	75	12	57	29	74	41	68	60	8	67	9	75	8	67	8	67	7	58	18	67	23	70	41	68	54
PAMLICO CO (N = 152)	8	67	8	67	7	58	6	50	8	67	11	52	27	69	38	63	49	8	67	9	75	8	67	8	67	7	58	18	67	22	67	39	65	48
PENDER COUNTY (N = 370)	8	67	8	67	6	50	6	50	8	67	11	52	26	67	37	62	45	8	67	8	67	7	58	8	67	7	58	17	63	21	64	38	63	45

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NORTH CAROLINA SCIENCE TEST

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SCIENCE AND SOCIAL STUDIES

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SCIENCE

CTB ID School System School		LIFE SCIENCE (12 Items) Number¹	Percentage²	PHYSICAL SCIENCE (12 Items) Number¹	Percentage²	EARTH SCIENCE (12 Items) Number¹	Percentage²	NATURE OF SCIENCE (12 Items) Number¹	Percentage²	PROCESS (12 Items) Number¹	Percentage²	LOWER ORDER (21 Items) Number¹	Percentage²	HIGHER ORDER (39 Items) Number¹	Percentage²	TOTAL SCORE (60 Items) Number¹	Percentage²	STATE PERCENTILE³ (Total Score)
SAMPSON CO	(N = 477)	8	67	9	75	8	67	7	58	8	67	12	57	27	69	39	65	52
CLINTON CITY	(N = 195)	8	67	8	67	7	58	7	58	8	67	12	57	26	67	37	62	45
WAYNE COUNTY	(N = 1022)	8	67	9	75	7	58	7	58	8	67	12	57	28	72	40	67	56
GOLDSBORO	(N = 334)	7	58	8	67	6	50	6	50	7	58	10	48	23	59	34	57	34

SOCIAL STUDIES

CTB ID School System School		HISTORY (12 Items) Number¹	Percentage²	GEOGRAPHY (12 Items) Number¹	Percentage²	ECONOMICS (12 Items) Number¹	Percentage²	GOVERNMENT (12 Items) Number¹	Percentage²	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number¹	Percentage²	LOWER ORDER (27 Items) Number¹	Percentage²	HIGHER ORDER (33 Items) Number¹	Percentage²	TOTAL SCORE (60 Items) Number¹	Percentage²	STATE PERCENTILE³ (Total Score)
SAMPSON CO	(N = 477)	8	67	8	67	8	67	8	67	7	58	17	63	22	67	39	65	48
CLINTON CITY	(N = 195)	8	67	7	58	7	58	8	67	7	58	17	63	21	64	37	62	42
WAYNE COUNTY	(N = 1022)	8	67	9	75	8	67	8	67	8	67	18	67	23	70	41	68	54
GOLDSBORO	(N = 334)	7	58	8	67	7	58	7	58	7	58	15	56	20	61	36	60	39

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items
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CTB ID School System School	SCIENCE: LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (19 Items)		HIGHER ORDER (41 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 2 AVERAGE (N = 8954)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52
STATE AVERAGE (N = 77430)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52
SCHOOL SYSTEM AVERAGES																	
BRUNSWICK CO (N = 601)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52
CARTERET CO (N = 586)	9	75	7	58	7	58	8	67	7	58	12	63	26	63	37	62	57
CRAVEN COUNTY (N = 998)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	35	58	48
DUPLIN COUNTY (N = 551)	8	67	7	58	6	50	7	58	7	58	11	58	25	61	36	60	52
GREENE COUNTY (N = 232)	8	67	7	58	7	58	7	58	6	50	12	63	24	59	36	60	52
JONES COUNTY (N = 122)	8	67	6	50	6	50	7	58	6	50	11	58	23	56	33	55	40
LENOIR COUNTY (N = 477)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	35	58	48
KINSTON CITY (N = 311)	8	67	7	58	6	50	7	58	6	50	11	58	23	56	34	57	44
NEW HANOVER (N = 1324)	9	75	7	58	8	67	8	67	8	67	13	68	26	63	39	65	64
ONSLOW COUNTY (N = 1231)	8	67	7	58	7	58	7	58	7	58	12	63	25	61	37	62	57
PAMLICO CO (N = 151)	8	67	7	58	6	50	7	58	8	67	11	58	25	61	35	58	48
PENDER COUNTY (N = 364)	8	67	7	58	6	50	7	58	7	58	11	58	23	56	35	58	48

CTB ID School System School	SOCIAL STUDIES: HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (23 Items)		HIGHER ORDER (37 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 2 AVERAGE (N = 8954)	7	58	8	67	8	67	7	58	7	58	14	61	23	62	37	62	48
STATE AVERAGE (N = 77430)	8	67	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
SCHOOL SYSTEM AVERAGES																	
BRUNSWICK CO (N = 601)	7	58	8	67	8	67	6	50	7	58	14	61	22	59	35	58	41
CARTERET CO (N = 586)	8	67	8	67	9	75	7	58	8	67	15	65	25	68	40	67	59
CRAVEN COUNTY (N = 998)	7	58	8	67	8	67	7	58	7	58	14	61	23	62	36	60	44
DUPLIN COUNTY (N = 551)	7	58	8	67	8	67	7	58	7	58	14	61	22	59	37	62	48
GREENE COUNTY (N = 232)	7	58	7	58	7	58	6	50	7	58	13	57	21	57	34	57	38
JONES COUNTY (N = 122)	7	58	7	58	8	67	6	50	7	58	13	57	22	59	36	60	44
LENOIR COUNTY (N = 477)	7	58	8	67	8	67	6	50	7	58	14	61	22	59	36	60	44
KINSTON CITY (N = 311)	7	58	7	58	7	58	6	50	7	58	13	57	21	57	34	57	38
NEW HANOVER (N = 1324)	8	67	9	75	9	75	7	58	8	67	16	70	24	65	40	67	59
ONSLOW COUNTY (N = 1231)	7	58	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
PAMLICO CO (N = 151)	8	67	8	67	8	67	8	67	7	58	15	65	24	65	40	67	59
PENDER COUNTY (N = 364)	7	58	8	67	8	67	6	50	7	58	14	61	22	59	35	58	41

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

+ + = 100%

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

82555

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

NORTH CAROLINA TESTING PROGRAM BASIC SKILLS

GRADE 8

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School System

School

	SCIENCE																
	LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (19 Items)		HIGHER ORDER (41 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
SAMPSON CO (N = 489)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52
CLINTON CITY (N = 184)	8	67	7	58	7	58	7	58	7	58	12	63	25	61	37	62	57
WAYNE COUNTY (N = 1002)	8	67	7	58	7	58	7	58	7	58	12	63	25	61	37	62	57
GOLDSBORO (N = 331)	7	58	6	50	6	50	6	50	6	50	10	53	21	51	31	52	33

	SOCIAL STUDIES																
	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (23 Items)		HIGHER ORDER (37 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
SAMPSON CO (N = 489)	8	67	8	67	8	67	7	58	7	58	15	65	24	65	39	65	55
CLINTON CITY (N = 184)	7	58	7	58	8	67	6	50	7	58	13	57	22	59	35	58	41
WAYNE COUNTY (N = 1002)	8	67	8	67	8	67	7	58	8	67	15	65	24	65	39	65	55
GOLDSBORO (N = 331)	7	58	8	67	7	58	7	58	7	58	13	57	22	59	35	58	41

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

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[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

+ + = 100%

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NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

GRADE 3

358|546

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SCIENCE

CTB ID School System School	LIFE SCIENCE (15 Items) Number[1]	Percentage[2]	PHYSICAL SCIENCE (15 Items) Number[1]	Percentage[2]	EARTH SCIENCE (15 Items) Number[1]	Percentage[2]	PROCESS (15 Items) Number[1]	Percentage[2]	LOWER ORDER (13 Items) Number[1]	Percentage[2]	HIGHER ORDER (47 Items) Number[1]	Percentage[2]	TOTAL SCORE (60 Items) Number[1]	Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 3 AVERAGE (N = 13747)	9	60	10	67	9	60	10	67	9	69	29	62	38	63	54
STATE AVERAGE (N = 82791)	10	67	10	67	9	60	10	67	9	69	29	62	38	63	54
SCHOOL SYSTEM AVERAGES															
DURHAM COUNTY (N = 1397)	10	67	10	67	10	67	11	73	9	69	31	66	40	67	63
DURHAM CITY (N = 732)	9	60	9	60	9	60	9	60	9	69	28	60	36	60	46
EDGECOMBE CO (N = 390)	11	73	10	67	10	67	9	60	10	77	31	66	41	68	67
TARBORO CITY (N = 198)	10	67	10	67	10	67	10	67	10	77	30	64	39	65	59
FRANKLIN CO (N = 363)	8	53	9	60	9	60	9	60	8	62	27	57	35	58	41
FRANKLINTON (N = 95)	8	53	9	60	9	60	9	60	9	69	28	60	36	60	46
GRANVILLE CO (N = 518)	9	60	9	60	9	60	9	60	9	69	28	60	37	62	50
HALIFAX CO (N = 562)	9	60	8	53	8	53	8	53	8	62	25	53	33	55	33
ROANOKE RAPID (N = 257)	9	60	9	60	9	60	10	67	9	69	29	62	38	63	54
WELDON CITY (N = 98)	11	73	11	73	10	67	8	53	10	77	31	66	41	68	67
JOHNSTON CO (N = 1030)	10	67	10	67	9	60	10	67	9	69	30	64	39	65	59
NASH COUNTY (N = 854)	9	60	9	60	9	60	10	67	8	62	29	62	37	62	50

SOCIAL STUDIES

CTB ID School System School	HISTORY (12 Items) Number[1]	Percentage[2]	GEOGRAPHY (12 Items) Number[1]	Percentage[2]	ECONOMICS (12 Items) Number[1]	Percentage[2]	GOVERNMENT (12 Items) Number[1]	Percentage[2]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1]	Percentage[2]	LOWER ORDER (33 Items) Number[1]	Percentage[2]	HIGHER ORDER (27 Items) Number[1]	Percentage[2]	TOTAL SCORE (60 Items) Number[1]	Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 3 AVERAGE (N = 13747)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
STATE AVERAGE (N = 82791)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
SCHOOL SYSTEM AVERAGES																	
DURHAM COUNTY (N = 1397)	9	75	10	83	8	67	9	75	11	92	26	79	20	74	46	77	69
DURHAM CITY (N = 732)	8	67	8	67	8	67	8	67	10	83	23	70	18	67	41	68	51
EDGECOMBE CO (N = 390)	9	75	9	75	8	67	8	67	10	83	24	73	21	78	44	73	62
TARBORO CITY (N = 198)	9	75	9	75	7	58	8	67	10	83	24	73	19	70	43	72	58
FRANKLIN CO (N = 363)	7	58	8	67	7	58	7	58	9	75	22	67	16	59	38	63	41
FRANKLINTON (N = 95)	9	75	9	75	8	67	8	67	9	75	23	70	20	74	43	72	58
GRANVILLE CO (N = 518)	8	67	9	75	8	67	8	67	10	83	24	73	18	67	42	70	55
HALIFAX CO (N = 562)	8	67	7	58	6	50	6	50	9	75	21	64	16	59	37	62	37
ROANOKE RAPID (N = 257)	8	67	10	83	8	67	9	75	10	83	25	76	19	70	44	73	62
WELDON CITY (N = 98)	9	75	9	75	8	67	7	58	9	75	22	67	19	70	41	68	51
JOHNSTON CO (N = 1030)	8	67	9	75	8	67	8	67	10	83	24	73	18	67	42	70	55
NASH COUNTY (N = 854)	8	67	9	75	8	67	8	67	10	83	24	73	18	67	42	70	55

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1 Number = Number of Correct Items

2 Percentage = Percentage of Correct Items

+ + = 100%

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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School

School		SCIENCE: LIFE SCIENCE (15 items)		PHYSICAL SCIENCE (15 items)		EARTH SCIENCE (15 items)		PROCESS (15 items)		LOWER ORDER (13 items)		HIGHER ORDER (47 items)		TOTAL SCORE (60 items)		STATE PERCENTILE[3] (Total Score)
		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
ROCKY MOUNT	(N = 369)	9	60	9	60	9	60	9	60	8	62	27	57	35	58	41
NORTHAMPTON	(N = 288)	9	60	9	60	9	60	9	60	9	69	28	60	37	62	50
VANCE COUNTY	(N = 558)	9	60	8	53	8	53	8	53	8	62	24	51	32	53	30
WAKE COUNTY	(N = 4912)	10	67	10	67	10	67	11	73	9	69	31	66	40	67	63
WARREN COUNTY	(N = 220)	9	60	8	53	9	60	9	60	8	62	27	57	36	60	46
WILSON COUNTY	(N = 906)	9	60	9	60	9	60	10	67	9	69	28	60	37	62	50

School		SOCIAL STUDIES: HISTORY (12 items)		GEOGRAPHY (12 items)		ECONOMICS (12 items)		GOVERNMENT (12 items)		ANTHROPOLOGY-SOCIOLOGY (12 items)		LOWER ORDER (33 items)		HIGHER ORDER (27 items)		TOTAL SCORE (60 items)		STATE PERCENTILE[3] (Total Score)
		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
ROCKY MOUNT	(N = 369)	9	75	8	67	7	58	7	58	9	75	22	67	19	70	40	67	48
NORTHAMPTON	(N = 288)	9	75	8	67	8	67	8	67	10	83	23	70	20	74	44	73	62
VANCE COUNTY	(N = 558)	7	58	7	58	7	58	7	58	9	75	21	64	16	59	36	60	34
WAKE COUNTY	(N = 4912)	9	75	9	75	8	67	8	67	10	83	26	79	19	70	45	75	65
WARREN COUNTY	(N = 220)	8	67	8	67	7	58	7	58	9	75	22	67	16	59	38	63	41
WILSON COUNTY	(N = 906)	8	67	9	75	7	58	8	67	10	83	23	70	18	67	41	68	51

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[1] Number = Number of Correct Items
[2] Percentage = Percentage of Correct Items
+ + = 100%
[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

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NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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School System

School

SCIENCE

	LIFE SCIENCE (12 Items) Number[1]	Percentage[2]	PHYSICAL SCIENCE (12 Items) Number[1]	Percentage[2]	EARTH SCIENCE (12 Items) Number[1]	Percentage[2]	NATURE OF SCIENCE (12 Items) Number[1]	Percentage[2]	PROCESS (12 Items) Number[1]	Percentage[2]	LOWER ORDER (21 Items) Number[1]	Percentage[2]	HIGHER ORDER (39 Items) Number[1]	Percentage[2]	TOTAL SCORE (60 Items) Number[1]	Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 3 AVERAGE (N = 13434)	8	67	9	75	7	58	7	58	8	67	12	57	27	69	39	65	52
STATE AVERAGE (N = 80475)	8	67	9	75	7	58	7	58	8	67	12	57	28	72	39	65	52
SCHOOL SYSTEM AVERAGES																	
DURHAM COUNTY (N = 1451)	9	75	9	75	7	58	8	67	9	75	13	62	29	74	42	70	64
DURHAM CITY (N = 609)	7	58	8	67	6	50	6	50	7	58	10	48	23	59	33	55	31
EDGECOMBE CO (N = 371)	8	67	8	67	7	58	6	50	7	58	11	52	24	62	35	58	37
TARBORO CITY (N = 232)	8	67	8	67	6	50	7	58	8	67	11	52	26	67	38	63	49
FRANKLIN CO (N = 338)	8	67	8	67	7	58	7	58	8	67	11	52	27	69	38	63	49
FRANKLINTON (N = 88)	8	67	8	67	7	58	6	50	7	58	11	52	24	62	35	58	37
GRANVILLE CO (N = 493)	8	67	9	75	7	58	6	50	8	67	11	52	26	67	38	63	49
HALIFAX CO (N = 489)	7	58	8	67	6	50	6	50	7	58	11	52	23	59	33	55	31
ROANOKE RAPID (N = 246)	9	75	9	75	8	67	7	58	8	67	12	57	28	72	40	67	56
WELDON CITY (N = 79)	7	58	7	58	5	42	5	42	7	58	9	43	21	54	30	50	21
JOHNSTON CO (N = 1124)	8	67	8	67	7	58	7	58	8	67	12	57	27	69	39	65	52
NASH COUNTY (N = 865)	8	67	8	67	7	58	7	58	8	67	11	52	27	69	38	63	49

SOCIAL STUDIES

	HISTORY (12 Items) Number[1]	Percentage[2]	GEOGRAPHY (12 Items) Number[1]	Percentage[2]	ECONOMICS (12 Items) Number[1]	Percentage[2]	GOVERNMENT (12 Items) Number[1]	Percentage[2]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1]	Percentage[2]	LOWER ORDER (27 Items) Number[1]	Percentage[2]	HIGHER ORDER (33 Items) Number[1]	Percentage[2]	TOTAL SCORE (60 Items) Number[1]	Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 3 AVERAGE (N = 13434)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
STATE AVERAGE (N = 80475)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
SCHOOL SYSTEM AVERAGES																	
DURHAM COUNTY (N = 1451)	9	75	9	75	8	67	9	75	8	67	19	70	24	73	43	72	61
DURHAM CITY (N = 609)	7	58	7	58	6	50	7	58	6	50	14	52	18	55	32	53	27
EDGECOMBE CO (N = 371)	7	58	7	58	7	58	7	58	6	50	15	56	19	58	33	55	30
TARBORO CITY (N = 232)	8	67	8	67	7	58	8	67	7	58	17	63	20	61	37	62	42
FRANKLIN CO (N = 338)	8	67	8	67	7	58	8	67	7	58	17	63	21	64	39	65	48
FRANKLINTON (N = 88)	7	58	7	58	7	58	7	58	6	50	15	56	19	58	34	57	33
GRANVILLE CO (N = 493)	8	67	8	67	8	67	8	67	7	58	17	63	22	67	39	65	48
HALIFAX CO (N = 489)	6	50	6	50	6	50	6	50	6	50	13	48	17	52	31	52	25
ROANOKE RAPID (N = 246)	9	75	10	83	9	75	9	75	8	67	20	74	25	76	44	73	64
WELDON CITY (N = 79)	6	50	7	58	6	50	6	50	6	50	13	48	17	52	30	50	22
JOHNSTON CO (N = 1124)	8	67	8	67	8	67	8	67	7	58	18	67	23	70	40	67	51
NASH COUNTY (N = 865)	8	67	8	67	8	67	8	67	7	58	18	67	21	64	39	65	48

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items

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++ = 100%

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

GRADE 6

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School System

School

SCIENCE

School		LIFE SCIENCE (12 items)		PHYSICAL SCIENCE (12 items)		EARTH SCIENCE (12 items)		NATURE OF SCIENCE (12 items)		PROCESS (12 items)		LOWER ORDER (21 items)		HIGHER ORDER (39 items)		TOTAL SCORE (60 items)		STATE PERCENTILE[3] (Total Score)
		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
ROCKY MOUNT	(N = 384)	7	58	8	67	6	50	6	50	7	58	10	48	24	62	34	57	34
NORTHAMPTON	(N = 280)	8	67	8	67	6	50	7	58	8	67	11	52	25	64	36	60	41
VANCE COUNTY	(N = 523)	8	67	8	67	7	58	6	50	8	67	11	52	26	67	37	62	45
WAKE COUNTY	(N = 4659)	9	75	9	75	8	67	8	67	9	75	13	62	29	74	42	70	64
WARREN COUNTY	(N = 240)	8	67	8	67	7	58	7	58	8	67	12	57	26	67	37	62	45
WILSON COUNTY	(N = 963)	8	67	9	75	7	58	7	58	8	67	12	57	26	67	38	63	49

SOCIAL STUDIES

School		HISTORY (12 items)		GEOGRAPHY (12 items)		ECONOMICS (12 items)		GOVERNMENT (12 items)		ANTHROPOLOGY-SOCIOLOGY (12 items)		LOWER ORDER (27 items)		HIGHER ORDER (33 items)		TOTAL SCORE (60 items)		STATE PERCENTILE[3] (Total Score)
		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
ROCKY MOUNT	(N = 384)	7	58	7	58	7	58	7	58	7	58	15	56	19	58	33	55	30
NORTHAMPTON	(N = 280)	7	58	7	58	7	58	7	58	7	58	15	56	20	61	34	57	33
VANCE COUNTY	(N = 523)	8	67	7	58	7	58	7	58	7	58	16	59	21	64	36	60	39
WAKE COUNTY	(N = 4659)	9	75	10	83	8	67	9	75	8	67	19	70	24	73	43	72	61
WARREN COUNTY	(N = 240)	8	67	8	67	7	58	8	67	7	58	17	63	20	61	37	62	42
WILSON COUNTY	(N = 963)	8	67	8	67	7	58	8	67	7	58	17	63	21	64	38	63	45

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items 2 Percentage = Percentage of Correct Items + + = 100%

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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SCIENCE

	LIFE SCIENCE (12 Items) Number[1]	LIFE SCIENCE (12 Items) Percentage[2]	PHYSICAL SCIENCE (12 Items) Number[1]	PHYSICAL SCIENCE (12 Items) Percentage[2]	EARTH SCIENCE (12 Items) Number[1]	EARTH SCIENCE (12 Items) Percentage[2]	NATURE OF SCIENCE (12 Items) Number[1]	NATURE OF SCIENCE (12 Items) Percentage[2]	PROCESS (12 Items) Number[1]	PROCESS (12 Items) Percentage[2]	LOWER ORDER (19 Items) Number[1]	LOWER ORDER (19 Items) Percentage[2]	HIGHER ORDER (41 Items) Number[1]	HIGHER ORDER (41 Items) Percentage[2]	TOTAL SCORE (60 Items) Number[1]	TOTAL SCORE (60 Items) Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 3 AVERAGE (N = 12647)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52
STATE AVERAGE (N = 77430)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52
SCHOOL SYSTEM AVERAGES																	
DURHAM COUNTY (N = 1341)	9	75	7	58	8	67	8	67	8	67	13	68	27	66	39	65	64
DURHAM CITY (N = 505)	7	58	6	50	5	42	6	50	5	42	10	53	21	51	30	50	29
EDGECOMBE CO (N = 371)	8	67	7	58	6	50	7	58	6	50	11	58	23	56	34	57	44
TARBORO CITY (N = 214)	7	58	7	58	6	50	7	58	6	50	11	58	22	54	32	53	37
FRANKLIN CO (N = 324)	8	67	7	58	7	58	8	67	7	58	12	63	25	61	37	62	57
FRANKLINTON (N = 97)	7	58	6	50	5	42	6	50	6	50	9	47	20	49	30	50	29
GRANVILLE CO (N = 445)	8	67	7	58	7	58	7	58	7	58	11	58	24	59	36	60	52
HALIFAX CO (N = 456)	8	67	6	50	6	50	6	50	6	50	10	53	21	51	31	52	33
ROANOKE RAPID (N = 205)	8	67	7	58	7	58	7	58	7	58	12	63	25	61	37	62	57
WELDON CITY (N = 99)	7	58	6	50	5	42	6	50	6	50	10	53	20	49	29	48	26
JOHNSTON CO (N = 1090)	8	67	7	58	7	58	7	58	7	58	12	63	25	61	37	62	57
NASH COUNTY (N = 870)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	35	58	48

SOCIAL STUDIES

	HISTORY (12 Items) Number[1]	HISTORY (12 Items) Percentage[2]	GEOGRAPHY (12 Items) Number[1]	GEOGRAPHY (12 Items) Percentage[2]	ECONOMICS (12 Items) Number[1]	ECONOMICS (12 Items) Percentage[2]	GOVERNMENT (12 Items) Number[1]	GOVERNMENT (12 Items) Percentage[2]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Percentage[2]	LOWER ORDER (23 Items) Number[1]	LOWER ORDER (23 Items) Percentage[2]	HIGHER ORDER (37 Items) Number[1]	HIGHER ORDER (37 Items) Percentage[2]	TOTAL SCORE (60 Items) Number[1]	TOTAL SCORE (60 Items) Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 3 AVERAGE (N = 12647)	8	67	8	67	8	67	7	58	7	58	14	61	23	62	38	63	51
STATE AVERAGE (N = 77430)	8	67	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
SCHOOL SYSTEM AVERAGES																	
DURHAM COUNTY (N = 1341)	8	67	9	75	9	75	8	67	8	67	16	70	26	70	42	70	66
DURHAM CITY (N = 505)	7	58	6	50	6	50	6	50	6	50	12	52	20	54	31	52	28
EDGECOMBE CO (N = 371)	7	58	8	67	7	58	7	58	7	58	14	61	22	59	35	58	41
TARBORO CITY (N = 214)	7	58	8	67	8	67	7	58	7	58	14	61	23	62	37	62	48
FRANKLIN CO (N = 324)	8	67	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
FRANKLINTON (N = 97)	7	58	6	50	6	50	7	58	7	58	12	52	20	54	32	53	31
GRANVILLE CO (N = 445)	7	58	8	67	8	67	7	58	7	58	15	65	22	59	37	62	48
HALIFAX CO (N = 456)	7	58	7	58	6	50	6	50	6	50	12	52	20	54	32	53	31
ROANOKE RAPID (N = 205)	8	67	8	67	8	67	6	50	7	58	14	61	24	65	38	63	51
WELDON CITY (N = 99)	6	50	6	50	6	50	5	42	5	42	11	48	18	49	28	47	20
JOHNSTON CO (N = 1090)	7	58	8	67	8	67	7	58	7	58	14	61	23	62	37	62	48
NASH COUNTY (N = 870)	7	58	8	67	8	67	7	58	7	58	14	61	23	62	37	62	48

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items

2 Percentage = Percentage of Correct Items

+ + = 100%

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

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SCIENCE AND SOCIAL STUDIES

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School System (N)	LIFE SCIENCE (12 Items) Number[1]	LIFE SCIENCE (12 Items) Percentage[2]	PHYSICAL SCIENCE (12 Items) Number[1]	PHYSICAL SCIENCE (12 Items) Percentage[2]	EARTH SCIENCE (12 Items) Number[1]	EARTH SCIENCE (12 Items) Percentage[2]	NATURE OF SCIENCE (12 Items) Number[1]	NATURE OF SCIENCE (12 Items) Percentage[2]	PROCESS (12 Items) Number[1]	PROCESS (12 Items) Percentage[2]	LOWER ORDER (19 Items) Number[1]	LOWER ORDER (19 Items) Percentage[2]	HIGHER ORDER (41 Items) Number[1]	HIGHER ORDER (41 Items) Percentage[2]	TOTAL SCORE (60 Items) Number[1]	TOTAL SCORE (60 Items) Percentage[2]	STATE PERCENTILE[3] (Total Score)
ROCKY MOUNT (N = 394)	7	58	6	50	6	50	7	58	6	50	10	53	21	51	31	52	33
NORTHAMPTON (N = 269)	7	58	6	50	5	42	6	50	6	50	9	47	21	51	31	52	33
VANCE COUNTY (N = 547)	8	67	7	58	6	50	7	58	6	50	10	53	23	56	33	55	40
WAKE COUNTY (N = 4380)	9	75	7	58	7	58	8	67	8	67	12	63	26	63	39	65	64
WARREN COUNTY (N = 209)	8	67	7	58	6	50	7	58	6	50	11	58	23	56	34	57	44
WILSON COUNTY (N = 831)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	35	58	48

SOCIAL STUDIES

School System (N)	HISTORY (12 Items) Number[1]	HISTORY (12 Items) Percentage[2]	GEOGRAPHY (12 Items) Number[1]	GEOGRAPHY (12 Items) Percentage[2]	ECONOMICS (12 Items) Number[1]	ECONOMICS (12 Items) Percentage[2]	GOVERNMENT (12 Items) Number[1]	GOVERNMENT (12 Items) Percentage[2]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Percentage[2]	LOWER ORDER (23 Items) Number[1]	LOWER ORDER (23 Items) Percentage[2]	HIGHER ORDER (37 Items) Number[1]	HIGHER ORDER (37 Items) Percentage[2]	TOTAL SCORE (60 Items) Number[1]	TOTAL SCORE (60 Items) Percentage[2]	STATE PERCENTILE[3] (Total Score)
ROCKY MOUNT (N = 394)	7	58	7	58	7	58	6	50	7	58	12	52	21	57	33	55	34
NORTHAMPTON (N = 269)	7	58	7	58	7	58	6	50	6	50	12	52	20	54	32	53	31
VANCE COUNTY (N = 547)	7	58	7	58	7	58	6	50	7	58	13	57	21	57	33	55	34
WAKE COUNTY (N = 4380)	8	67	9	75	9	75	7	58	8	67	16	70	25	68	41	68	62
WARREN COUNTY (N = 209)	7	58	7	58	7	58	7	58	7	58	13	57	22	59	35	58	41
WILSON COUNTY (N = 831)	7	58	8	67	8	67	6	50	7	58	13	57	22	59	35	58	41

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

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[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

+ + = 100%

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

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	LIFE SCIENCE (15 Items) Number[1]	LIFE SCIENCE (15 Items) Percentage[2]	PHYSICAL SCIENCE (15 Items) Number[1]	PHYSICAL SCIENCE (15 Items) Percentage[2]	EARTH SCIENCE (15 Items) Number[1]	EARTH SCIENCE (15 Items) Percentage[2]	PROCESS (15 Items) Number[1]	PROCESS (15 Items) Percentage[2]	LOWER ORDER (13 Items) Number[1]	LOWER ORDER (13 Items) Percentage[2]	HIGHER ORDER (47 Items) Number[1]	HIGHER ORDER (47 Items) Percentage[2]	TOTAL SCORE (60 Items) Number[1]	TOTAL SCORE (60 Items) Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 4 AVERAGE (N = 10298)	9	60	9	60	9	60	9	60	9	69	29	62	37	62	58
STATE AVERAGE (N = 82791)	10	67	10	67	9	60	10	67	9	69	29	62	38	63	54
SCHOOL SYSTEM AVERAGES															
BLADEN COUNTY (N = 454)	11	73	10	67	10	67	10	67	9	69	32	68	41	68	67
COLUMBUS CO (N = 598)	10	67	10	67	9	60	9	60	9	69	30	64	38	63	54
WHITEVILLE (N = 183)	9	60	9	60	9	60	9	60	8	62	27	57	36	60	46
CUMBERLAND (N = 3335)	9	60	10	67	9	60	10	67	9	69	29	62	38	63	54
HARNETT CO (N = 878)	10	67	9	60	10	67	10	67	9	69	30	64	40	67	63
HOKE COUNTY (N = 366)	9	60	9	60	9	60	9	60	9	69	27	57	36	60	46
LEE COUNTY (N = 583)	9	60	10	67	9	60	10	67	9	69	28	60	37	62	58
MONTGOMERY CO (N = 308)	11	73	11	73	11	73	10	67	10	77	33	70	43	72	75
MOORE COUNTY (N = 731)	9	60	9	60	9	60	9	60	8	62	28	60	37	62	58
RICHMOND CO (N = 632)	10	67	9	60	10	67	10	67	9	69	30	64	39	65	59
ROBESON CO (N = 1683)	9	60	9	60	9	60	9	60	8	62	27	57	35	58	41
SCOTLAND CO (N = 547)	8	53	8	53	8	53	8	53	8	62	25	53	33	55	33

SOCIAL STUDIES

	HISTORY (12 Items) Number[1]	HISTORY (12 Items) Percentage[2]	GEOGRAPHY (12 Items) Number[1]	GEOGRAPHY (12 Items) Percentage[2]	ECONOMICS (12 Items) Number[1]	ECONOMICS (12 Items) Percentage[2]	GOVERNMENT (12 Items) Number[1]	GOVERNMENT (12 Items) Percentage[2]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Percentage[2]	LOWER ORDER (33 Items) Number[1]	LOWER ORDER (33 Items) Percentage[2]	HIGHER ORDER (27 Items) Number[1]	HIGHER ORDER (27 Items) Percentage[2]	TOTAL SCORE (60 Items) Number[1]	TOTAL SCORE (60 Items) Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 4 AVERAGE (N = 10298)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	42	70	55
STATE AVERAGE (N = 82791)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
SCHOOL SYSTEM AVERAGES																	
BLADEN COUNTY (N = 454)	10	83	9	75	8	67	8	67	10	83	25	76	20	74	45	75	65
COLUMBUS CO (N = 598)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
WHITEVILLE (N = 183)	9	75	8	67	8	67	8	67	10	83	23	70	18	67	41	68	51
CUMBERLAND (N = 3335)	9	75	9	75	8	67	8	67	10	83	24	73	18	67	42	70	55
HARNETT CO (N = 878)	9	75	9	75	9	75	8	67	10	83	25	76	21	78	45	75	65
HOKE COUNTY (N = 366)	9	75	8	67	8	67	8	67	9	75	23	70	20	74	43	72	58
LEE COUNTY (N = 583)	8	67	9	75	8	67	8	67	10	83	24	73	19	70	42	70	55
MONTGOMERY CO (N = 308)	10	83	9	75	8	67	9	75	10	83	25	76	21	78	46	77	69
MOORE COUNTY (N = 731)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	42	70	55
RICHMOND CO (N = 632)	9	75	9	75	8	67	8	67	10	83	25	76	20	74	45	75	65
ROBESON CO (N = 1683)	9	75	8	67	7	58	7	58	9	75	22	67	18	67	40	67	48
SCOTLAND CO (N = 547)	7	58	8	67	7	58	7	58	9	75	21	64	16	59	37	62	37

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items

2 Percentage = Percentage of Correct Items

+ + = 100%

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

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	SCIENCE														
	LIFE SCIENCE (15 Items)		PHYSICAL SCIENCE (15 Items)		EARTH SCIENCE (15 Items)		PROCESS (15 Items)		LOWER ORDER (13 Items)		HIGHER ORDER (47 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE³ (Total Score)
	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
FT BRAGG (N = 486)	10	67	10	67	10	67	10	67	9	69	29	62	39	65	59

	SOCIAL STUDIES																
	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (33 Items)		HIGHER ORDER (27 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE³ (Total Score)
	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
FT BRAGG (N = 486)	8	67	9	75	8	67	8	67	10	83	24	73	18	67	42	70	55

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items
2 Percentage = Percentage of Correct Items
3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

+ + = 100%

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

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NORTH CAROLINA TESTING PROGRAM BASIC SKILLS

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SCIENCE

School	LIFE SCIENCE (12 Items) Number[1]	Percentage[2]	PHYSICAL SCIENCE (12 Items) Number[1]	Percentage[2]	EARTH SCIENCE (12 Items) Number[1]	Percentage[2]	NATURE OF SCIENCE (12 Items) Number[1]	Percentage[2]	PROCESS (12 Items) Number[1]	Percentage[2]	LOWER ORDER (21 Items) Number[1]	Percentage[2]	HIGHER ORDER (39 Items) Number[1]	Percentage[2]	TOTAL SCORE (60 Items) Number[1]	Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 4 AVERAGE (N = 10377)	8	67	8	67	7	58	6	50	8	67	11	52	26	67	37	62	45
STATE AVERAGE (N = 80475)	8	67	9	75	7	58	7	58	8	67	12	57	28	72	39	65	52
SCHOOL SYSTEM AVERAGES																	
BLADEN COUNTY (N = 434)	8	67	8	67	6	50	6	50	8	67	10	48	25	64	35	58	37
COLUMBUS CO (N = 572)	8	67	8	67	7	58	6	50	8	67	11	52	27	69	38	63	49
WHITEVILLE (N = 186)	8	67	8	67	6	50	6	50	8	67	11	52	26	67	36	60	41
CUMBERLAND (N = 3285)	8	67	9	75	7	58	7	58	8	67	12	57	28	72	39	65	52
HARNETT CO (N = 880)	8	67	8	67	7	58	6	50	8	67	12	57	27	69	38	63	49
HOKE COUNTY (N = 404)	7	58	7	58	6	50	5	42	7	58	10	48	23	59	32	53	27
LEE COUNTY (N = 545)	8	67	8	67	7	58	7	58	8	67	11	52	27	69	39	65	52
MONTGOMERY CO (N = 348)	8	67	8	67	7	58	6	50	8	67	11	52	26	67	37	62	45
MOORE COUNTY (N = 703)	8	67	8	67	6	50	6	50	8	67	11	52	26	67	37	62	45
RICHMOND CO (N = 697)	8	67	8	67	7	58	6	50	8	67	11	52	26	67	36	60	41
ROBESON CO (N = 1757)	7	58	8	67	6	50	6	50	7	58	10	48	24	62	34	57	34
SCOTLAND CO (N = 566)	8	67	8	67	6	50	6	50	7	58	11	52	24	62	34	57	34

SOCIAL STUDIES

School	HISTORY (12 Items) Number[1]	Percentage[2]	GEOGRAPHY (12 Items) Number[1]	Percentage[2]	ECONOMICS (12 Items) Number[1]	Percentage[2]	GOVERNMENT (12 Items) Number[1]	Percentage[2]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1]	Percentage[2]	LOWER ORDER (27 Items) Number[1]	Percentage[2]	HIGHER ORDER (33 Items) Number[1]	Percentage[2]	TOTAL SCORE (60 Items) Number[1]	Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 4 AVERAGE (N = 10377)	8	67	8	67	7	58	8	67	7	58	17	63	21	64	37	62	42
STATE AVERAGE (N = 80475)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
SCHOOL SYSTEM AVERAGES																	
BLADEN COUNTY (N = 434)	7	58	8	67	7	58	7	58	7	58	16	59	20	61	36	60	39
COLUMBUS CO (N = 572)	8	67	8	67	8	67	8	67	7	58	17	63	22	67	39	65	48
WHITEVILLE (N = 186)	8	67	8	67	7	58	8	67	7	58	16	59	21	64	37	62	42
CUMBERLAND (N = 3285)	8	67	8	67	8	67	8	67	7	58	17	63	21	64	39	65	48
HARNETT CO (N = 880)	8	67	8	67	8	67	8	67	7	58	17	63	22	67	39	65	48
HOKE COUNTY (N = 404)	7	58	6	50	6	50	6	50	6	50	14	52	17	52	31	52	25
LEE COUNTY (N = 545)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
MONTGOMERY CO (N = 348)	8	67	8	67	7	58	8	67	7	58	17	63	21	64	39	65	48
MOORE COUNTY (N = 703)	8	67	8	67	8	67	8	67	7	58	17	63	22	67	39	65	48
RICHMOND CO (N = 697)	8	67	8	67	7	58	8	67	7	58	17	63	21	64	37	62	42
ROBESON CO (N = 1757)	7	58	7	58	7	58	7	58	6	50	14	52	19	58	33	55	30
SCOTLAND CO (N = 566)	7	58	7	58	7	58	7	58	7	58	16	59	20	61	35	58	36

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

++ = 100%

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

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NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

GRADE 6

359547
369|547

REGION: 4

FORM : B

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1990

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School System

School

	SCIENCE																
	LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (21 Items)		HIGHER ORDER (39 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
FT BRAGG (N = 307)	9	75	9	75	7	58	7	58	9	75	12	57	29	74	40	67	56

	SOCIAL STUDIES																
	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (27 Items)		HIGHER ORDER (33 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
FT BRAGG (N = 307)	8	67	9	75	8	67	9	75	8	67	19	70	23	70	42	70	58

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

2 : 9

Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

+ + = 100%

220

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

GRADE 8

360|548
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	SCIENCE																	SOCIAL STUDIES																
	LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (19 Items)		HIGHER ORDER (41 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE3 (Total Score)	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (23 Items)		HIGHER ORDER (37 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE3 (Total Score)
	Number1	Percentage2	Number1	Percentage2	Number1	Percentage2	Number1	Percentage2	Number1	Percentage2	Number1	Percentage2	Number1	Percentage2	Number1	Percentage2		Number1	Percentage2	Number1	Percentage2	Number1	Percentage2	Number1	Percentage2	Number1	Percentage2	Number1	Percentage2	Number1	Percentage2	Number1	Percentage2	
REGION 4 AVERAGE (N = 9979)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	34	57	44	7	58	8	67	8	67	6	50	7	58	14	61	22	59	36	60	44
STATE AVERAGE (N = 77430)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52	8	67	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
SCHOOL SYSTEM AVERAGES																																		
BLADEN COUNTY (N = 389)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	35	58	48	7	58	8	67	8	67	7	58	7	58	14	61	22	59	36	60	44
COLUMBUS CO (N = 569)	8	67	6	50	6	50	7	58	7	58	11	58	23	56	34	57	44	7	58	8	67	8	67	7	58	7	58	14	61	23	62	36	60	44
WHITEVILLE (N = 191)	8	67	7	58	7	58	7	58	7	58	11	58	24	59	35	58	48	7	58	8	67	8	67	7	58	8	67	15	65	23	62	38	63	51
CUMBERLAND (N = 3139)	8	67	7	58	7	58	7	58	7	58	11	58	24	59	36	60	52	7	58	8	67	8	67	6	50	7	58	14	61	22	59	36	60	44
HARNETT CO (N = 897)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52	7	58	8	67	8	67	7	58	8	67	15	65	23	62	37	62	48
HOKE COUNTY (N = 380)	8	67	6	50	6	50	6	50	6	50	10	53	22	54	31	52	33	7	58	7	58	7	58	6	50	7	58	13	57	20	54	33	55	34
LEE COUNTY (N = 533)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	34	57	44	8	67	8	67	8	67	7	58	7	58	14	61	23	62	37	62	48
MONTGOMERY CO (N = 309)	8	67	7	58	6	50	7	58	6	50	11	58	24	59	34	57	44	7	58	8	67	7	58	6	50	7	58	13	57	22	59	35	58	41
MOORE COUNTY (N = 684)	8	67	7	58	7	58	8	67	7	58	12	63	26	63	37	62	57	8	67	8	67	9	75	7	58	8	67	16	70	24	65	40	67	59
RICHMOND CO (N = 593)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	34	57	44	7	58	8	67	8	67	7	58	7	58	15	65	23	62	37	62	48
ROBESON CO (N = 1720)	8	67	6	50	6	50	6	50	6	50	10	53	22	54	31	52	33	7	58	7	58	7	58	6	50	7	58	13	57	21	57	33	55	34
SCOTLAND CO (N = 575)	7	58	6	50	6	50	6	50	6	50	10	53	21	51	31	52	33	7	58	7	58	7	58	6	50	7	58	13	57	21	57	34	57	38

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items

2 Percentage = Percentage of Correct Items

+ + = 100%

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

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SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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SCIENCE

	LIFE SCIENCE (12 items) Number¹	LIFE SCIENCE (12 items) Percentage²	PHYSICAL SCIENCE (12 items) Number¹	PHYSICAL SCIENCE (12 items) Percentage²	EARTH SCIENCE (12 items) Number¹	EARTH SCIENCE (12 items) Percentage²	NATURE OF SCIENCE (12 items) Number¹	NATURE OF SCIENCE (12 items) Percentage²	PROCESS (12 items) Number¹	PROCESS (12 items) Percentage²	LOWER ORDER (19 items) Number¹	LOWER ORDER (19 items) Percentage²	HIGHER ORDER (41 items) Number¹	HIGHER ORDER (41 items) Percentage²	TOTAL SCORE (60 items) Number¹	TOTAL SCORE (60 items) Percentage²	STATE PERCENTILE³ (Total Score)
FT BRAGG (N = 271)	8	67	8	67	8	67	8	67	8	67	12	63	28	68	39	65	64

SOCIAL STUDIES

	HISTORY (12 items) Number¹	HISTORY (12 items) Percentage²	GEOGRAPHY (12 items) Number¹	GEOGRAPHY (12 items) Percentage²	ECONOMICS (12 items) Number¹	ECONOMICS (12 items) Percentage²	GOVERNMENT (12 items) Number¹	GOVERNMENT (12 items) Percentage²	ANTHROPOLOGY-SOCIOLOGY (12 items) Number¹	ANTHROPOLOGY-SOCIOLOGY (12 items) Percentage²	LOWER ORDER (23 items) Number¹	LOWER ORDER (23 items) Percentage²	HIGHER ORDER (37 items) Number¹	HIGHER ORDER (37 items) Percentage²	TOTAL SCORE (60 items) Number¹	TOTAL SCORE (60 items) Percentage²	STATE PERCENTILE³ (Total Score)
FT BRAGG (N = 271)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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++ = 100%

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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358546
358 | 546

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	LIFE SCIENCE (15 Items) Number[1]	LIFE SCIENCE (15 Items) Percentage[2]	PHYSICAL SCIENCE (15 Items) Number[1]	PHYSICAL SCIENCE (15 Items) Percentage[2]	EARTH SCIENCE (15 Items) Number[1]	EARTH SCIENCE (15 Items) Percentage[2]	PROCESS (15 Items) Number[1]	PROCESS (15 Items) Percentage[2]	LOWER ORDER (13 Items) Number[1]	LOWER ORDER (13 Items) Percentage[2]	HIGHER ORDER (47 Items) Number[1]	HIGHER ORDER (47 Items) Percentage[2]	TOTAL SCORE (60 Items) Number[1]	TOTAL SCORE (60 Items) Percentage[2]	STATE PERCENTILE[3] (Total Score)
SCIENCE															
REGION 5 AVERAGE (N = 14379)	9	60	10	67	10	67	10	67	9	69	30	64	39	65	59
STATE AVERAGE (N = 82791)	10	67	10	67	9	60	10	67	9	69	29	62	38	63	54
SCHOOL SYSTEM AVERAGES															
ALAMANCE CO (N = 798)	10	67	10	67	10	67	10	67	10	77	31	66	40	67	63
BURLINGTON (N = 427)	10	67	10	67	10	67	10	67	9	69	30	64	40	67	63
CASWELL CO (N = 232)	9	60	9	60	9	60	9	60	9	69	28	60	36	60	46
CHATHAM CO (N = 421)	9	60	10	67	10	67	10	67	9	69	30	64	39	65	59
DAVIDSON CO (N = 1219)	10	67	10	67	10	67	10	67	9	69	31	66	40	67	63
LEXINGTON (N = 227)	9	60	9	60	9	60	10	67	9	69	29	62	38	63	54
THOMASVILLE (N = 166)	8	53	8	53	8	53	9	60	8	62	25	53	34	57	37
FORSYTH CO (N = 2732)	9	60	10	67	10	67	10	67	9	69	30	64	39	65	59
GUILFORD CO (N = 1762)	10	67	10	67	10	67	10	67	9	69	30	64	39	65	59
GREENSBORO (N = 1552)	9	60	9	60	10	67	10	67	9	69	29	62	37	62	50
HIGH POINT (N = 637)	9	60	9	60	9	60	9	60	8	62	28	60	36	60	46
ORANGE COUNTY (N = 442)	9	60	10	67	10	67	10	67	9	69	29	62	38	63	54

	HISTORY (12 Items) Number[1]	HISTORY (12 Items) Percentage[2]	GEOGRAPHY (12 Items) Number[1]	GEOGRAPHY (12 Items) Percentage[2]	ECONOMICS (12 Items) Number[1]	ECONOMICS (12 Items) Percentage[2]	GOVERNMENT (12 Items) Number[1]	GOVERNMENT (12 Items) Percentage[2]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Percentage[2]	LOWER ORDER (33 Items) Number[1]	LOWER ORDER (33 Items) Percentage[2]	HIGHER ORDER (27 Items) Number[1]	HIGHER ORDER (27 Items) Percentage[2]	TOTAL SCORE (60 Items) Number[1]	TOTAL SCORE (60 Items) Percentage[2]	STATE PERCENTILE[3] (Total Score)
SOCIAL STUDIES																	
REGION 5 AVERAGE (N = 14379)	9	75	9	75	8	67	8	67	10	83	25	76	19	70	43	72	58
STATE AVERAGE (N = 82791)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
SCHOOL SYSTEM AVERAGES																	
ALAMANCE CO (N = 798)	9	75	9	75	8	67	8	67	10	83	25	76	20	74	44	73	62
BURLINGTON (N = 427)	9	75	9	75	8	67	9	75	10	83	25	76	21	78	45	75	65
CASWELL CO (N = 232)	8	67	8	67	8	67	7	58	9	75	23	70	18	67	40	67	48
CHATHAM CO (N = 421)	9	75	9	75	8	67	9	75	10	83	26	79	20	74	45	75	65
DAVIDSON CO (N = 1219)	9	75	9	75	9	75	9	75	10	83	25	76	20	74	46	77	69
LEXINGTON (N = 227)	9	75	9	75	8	67	8	67	10	83	24	73	20	74	44	73	62
THOMASVILLE (N = 166)	8	67	8	67	8	67	7	58	10	83	22	67	18	67	40	67	48
FORSYTH CO (N = 2732)	9	75	9	75	8	67	8	67	10	83	25	76	19	70	43	72	58
GUILFORD CO (N = 1762)	8	67	9	75	8	67	8	67	10	83	25	76	19	70	44	73	62
GREENSBORO (N = 1552)	8	67	9	75	7	58	8	67	10	83	24	73	18	67	42	70	55
HIGH POINT (N = 637)	8	67	8	67	8	67	8	67	10	83	23	70	18	67	41	68	51
ORANGE COUNTY (N = 442)	8	67	9	75	8	67	8	67	10	83	24	73	18	67	42	70	55

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

[1] Number = Number of Correct Items

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+ + = 100%

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

GRADE 3

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SCIENCE

School		LIFE SCIENCE (15 Items)		PHYSICAL SCIENCE (15 Items)		EARTH SCIENCE (15 Items)		PROCESS (15 Items)		LOWER ORDER (13 Items)		HIGHER ORDER (47 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE³ (Total Score)
		Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
CHAPEL HILL	(N = 421)	11	73	11	73	11	73	12	80	10	77	34	72	44	73	79
PERSON COUNTY	(N = 406)	10	67	10	67	10	67	10	67	9	69	29	62	39	65	59
RANDOLPH CO	(N = 1058)	9	60	9	60	9	60	10	67	9	69	29	62	38	63	54
ASHEBORO CITY	(N = 276)	10	67	10	67	9	60	11	73	9	69	31	66	39	65	59
ROCKINGHAM CO	(N = 268)	9	60	10	67	9	60	10	67	9	69	29	62	38	63	54
EDEN CITY	(N = 322)	9	60	9	60	9	60	10	67	9	69	29	62	38	63	54
WESTERN ROCKI	(N = 264)	9	60	9	60	9	60	9	60	9	69	27	57	36	60	46
REIDSVILLE	(N = 259)	9	60	8	53	9	60	9	60	8	62	27	57	35	58	41
STOKES COUNTY	(N = 490)	9	60	10	67	9	60	10	67	9	69	30	64	39	65	59

SOCIAL STUDIES

School		HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (33 Items)		HIGHER ORDER (27 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE³ (Total Score)
		Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
CHAPEL HILL	(N = 421)	9	75	9	75	9	75	9	75	11	92	27	82	20	74	47	78	72
PERSON COUNTY	(N = 406)	9	75	9	75	8	67	8	67	10	83	24	73	20	74	44	73	62
RANDOLPH CO	(N = 1058)	8	67	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
ASHEBORO CITY	(N = 276)	9	75	10	83	8	67	8	67	10	83	26	79	20	74	46	77	69
ROCKINGHAM CO	(N = 268)	8	67	9	75	8	67	8	67	10	83	25	76	18	67	42	70	55
EDEN CITY	(N = 322)	8	67	9	75	8	67	8	67	10	83	24	73	19	70	42	70	55
WESTERN ROCKI	(N = 264)	7	58	9	75	7	58	7	58	9	75	23	70	17	63	39	65	44
REIDSVILLE	(N = 259)	7	58	8	67	8	67	7	58	9	75	22	67	17	63	39	65	44
STOKES COUNTY	(N = 490)	8	67	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58

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++ = 100%

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1 Number = Number of Correct Items

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3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

GRADE 6

359|547
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REGION: 5

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School

SCIENCE

CTB ID / School System / School	N	LIFE SCIENCE (12 items)		PHYSICAL SCIENCE (12 items)		EARTH SCIENCE (12 items)		NATURE OF SCIENCE (12 items)		PROCESS (12 items)		LOWER ORDER (21 items)		HIGHER ORDER (39 items)		TOTAL SCORE (60 items)		STATE PERCENTILE[3] (Total Score)
		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 5 AVERAGE	(N = 14064)	9	75	9	75	7	58	7	58	8	67	12	57	28	72	40	67	56
STATE AVERAGE	(N = 80475)	8	67	9	75	7	58	7	58	8	67	12	57	28	72	39	65	52
SCHOOL SYSTEM AVERAGES																		
ALAMANCE CO	(N = 743)	8	67	9	75	8	67	7	58	9	75	12	57	29	74	41	68	60
BURLINGTON	(N = 462)	9	75	9	75	8	67	8	67	9	75	14	67	30	77	43	72	68
CASWELL CO	(N = 249)	8	67	8	67	7	58	7	58	8	67	12	57	27	69	38	63	49
CHATHAM CO	(N = 381)	8	67	9	75	7	58	7	58	8	67	11	52	28	72	40	67	56
DAVIDSON CO	(N = 1196)	9	75	9	75	8	67	7	58	9	75	12	57	28	72	41	68	60
LEXINGTON	(N = 213)	8	67	8	67	7	58	7	58	8	67	12	57	26	67	38	63	49
THOMASVILLE	(N = 168)	8	67	8	67	6	50	6	50	7	58	11	52	25	64	35	58	37
FORSYTH CO	(N = 2590)	8	67	9	75	7	58	7	58	9	75	12	57	28	72	39	65	52
GUILFORD CO	(N = 1869)	9	75	9	75	8	67	8	67	9	75	12	57	29	74	42	70	64
GREENSBORO	(N = 1466)	9	75	9	75	7	58	7	58	8	67	12	57	28	72	40	67	56
HIGH POINT	(N = 592)	8	67	8	67	6	50	6	50	8	67	11	52	25	64	36	60	41
ORANGE COUNTY	(N = 376)	9	75	8	67	7	58	7	58	8	67	12	57	27	69	39	65	52

SOCIAL STUDIES

CTB ID / School System / School	N	HISTORY (12 items)		GEOGRAPHY (12 items)		ECONOMICS (12 items)		GOVERNMENT (12 items)		ANTHROPOLOGY-SOCIOLOGY (12 items)		LOWER ORDER (27 items)		HIGHER ORDER (33 items)		TOTAL SCORE (60 items)		STATE PERCENTILE[3] (Total Score)
		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 5 AVERAGE	(N = 14064)	8	67	9	75	8	67	8	67	8	67	18	67	23	70	41	68	54
STATE AVERAGE	(N = 80475)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
SCHOOL SYSTEM AVERAGES																		
ALAMANCE CO	(N = 743)	8	67	9	75	9	75	8	67	8	67	18	67	24	73	43	72	61
BURLINGTON	(N = 462)	9	75	10	83	9	75	9	75	9	75	20	74	25	76	45	75	68
CASWELL CO	(N = 249)	8	67	8	67	8	67	8	67	7	58	17	63	21	64	38	63	45
CHATHAM CO	(N = 381)	8	67	9	75	8	67	9	75	8	67	18	67	23	70	41	68	54
DAVIDSON CO	(N = 1196)	8	67	9	75	8	67	9	75	8	67	19	70	23	70	42	70	58
LEXINGTON	(N = 213)	8	67	8	67	8	67	8	67	7	58	17	63	21	64	38	63	45
THOMASVILLE	(N = 168)	7	58	8	67	7	58	7	58	7	58	16	59	20	61	36	60	39
FORSYTH CO	(N = 2590)	8	67	9	75	8	67	8	67	8	67	18	67	23	70	41	68	54
GUILFORD CO	(N = 1869)	9	75	9	75	9	75	9	75	8	67	20	74	24	73	44	73	64
GREENSBORO	(N = 1466)	8	67	9	75	8	67	8	67	8	67	18	67	22	67	41	68	54
HIGH POINT	(N = 592)	8	67	8	67	7	58	7	58	7	58	16	59	20	61	36	60	39
ORANGE COUNTY	(N = 376)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51

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[1] Number = Number of Correct Items

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NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

GRADE 6

359|547
389|547

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1990

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05/24/90

CTB ID

School System

School

SCIENCE

School		LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (21 Items)		HIGHER ORDER (39 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE³ (Total Score)
		Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
CHAPEL HILL	(N = 429)	10	83	9	75	8	67	8	67	10	83	13	62	32	82	45	75	76
PERSON COUNTY	(N = 414)	8	67	8	67	8	67	7	58	8	67	12	57	28	72	40	67	56
RANDOLPH CO	(N = 1079)	8	67	8	67	6	50	6	50	8	67	11	52	26	67	38	63	49
ASHEBORO CITY	(N = 251)	9	75	8	67	7	58	7	58	9	75	12	57	28	72	40	67	56
ROCKINGHAM CO	(N = 245)	9	75	9	75	7	58	7	58	9	75	12	57	28	72	40	67	56
EDEN CITY	(N = 298)	9	75	9	75	8	67	7	58	9	75	12	57	29	74	41	68	60
WESTERN ROCKI	(N = 257)	8	67	9	75	8	67	7	58	8	67	13	62	27	69	41	68	60
REIDSVILLE	(N = 273)	7	58	8	67	6	50	6	50	7	58	10	48	24	62	34	57	34
STOKES COUNTY	(N = 513)	8	67	9	75	8	67	7	58	9	75	12	57	28	72	40	67	56

SOCIAL STUDIES

School		HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (27 Items)		HIGHER ORDER (33 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE³ (Total Score)
		Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
CHAPEL HILL	(N = 429)	9	75	10	83	8	67	10	83	9	75	21	78	25	76	47	78	75
PERSON COUNTY	(N = 414)	8	67	9	75	8	67	8	67	8	67	18	67	22	67	41	68	54
RANDOLPH CO	(N = 1079)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
ASHEBORO CITY	(N = 251)	9	75	9	75	8	67	9	75	8	67	19	70	24	73	43	72	61
ROCKINGHAM CO	(N = 245)	8	67	8	67	8	67	9	75	8	67	19	70	23	70	42	70	58
EDEN CITY	(N = 298)	8	67	9	75	8	67	9	75	8	67	18	67	23	70	41	68	54
WESTERN ROCKI	(N = 257)	8	67	8	67	8	67	8	67	7	58	17	63	22	67	39	65	48
REIDSVILLE	(N = 273)	7	58	7	58	7	58	7	58	6	50	15	56	20	61	34	57	33
STOKES COUNTY	(N = 513)	8	67	9	75	8	67	8	67	8	67	18	67	23	70	41	68	54

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

-- = 100%

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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CTB ID / School System / School	SCIENCE: LIFE SCIENCE (12 items)		PHYSICAL SCIENCE (12 items)		EARTH SCIENCE (12 items)		NATURE OF SCIENCE (12 items)		PROCESS (12 items)		LOWER ORDER (19 items)		HIGHER ORDER (41 items)		TOTAL SCORE (60 items)		STATE PERCENTILE³ (Total Score)	SOCIAL STUDIES: HISTORY (12 items)		GEOGRAPHY (12 items)		ECONOMICS (12 items)		GOVERNMENT (12 items)		ANTHROPOLOGY-SOCIOLOGY (12 items)		LOWER ORDER (23 items)		HIGHER ORDER (37 items)		TOTAL SCORE (60 items)		STATE PERCENTILE³ (Total Score)
	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²		Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
REGION 5 AVERAGE (N = 13555)	8	67	7	58	7	58	7	58	7	58	12	63	25	61	37	62	57	8	67	8	67	9	75	7	58	8	67	15	65	24	65	39	65	55
STATE AVERAGE (N = 77430)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52	8	67	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
SCHOOL SYSTEM AVERAGES																																		
ALAMANCE CO (N = 739)	8	67	7	58	8	67	8	67	8	67	12	63	27	66	38	63	61	8	67	8	67	9	75	7	58	8	67	15	65	25	68	40	67	59
BURLINGTON (N = 486)	8	67	7	58	8	67	8	67	7	58	12	63	26	63	38	63	61	8	67	8	67	9	75	7	58	8	67	15	65	24	65	39	65	55
CASWELL CO (N = 270)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	36	60	52	8	67	8	67	8	67	7	58	8	67	14	61	24	65	38	63	51
CHATHAM CO (N = 380)	9	75	7	58	7	58	8	67	7	58	13	68	26	63	38	63	61	8	67	8	67	9	75	7	58	7	58	15	65	24	65	39	65	55
DAVIDSON CO (N = 1138)	8	67	7	58	7	58	7	58	7	58	12	63	26	63	37	62	57	8	67	8	67	9	75	7	58	8	67	15	65	24	65	39	65	55
LEXINGTON (N = 204)	8	67	7	58	7	58	7	58	7	58	11	58	24	59	35	58	48	8	67	8	67	8	67	7	58	8	67	14	61	23	62	37	62	48
THOMASVILLE (N = 180)	7	58	6	50	5	42	6	50	6	50	9	47	21	51	30	50	29	7	58	7	58	7	58	6	50	6	50	13	57	21	57	33	55	34
FORSYTH CO (N = 2488)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52	8	67	8	67	9	75	7	58	8	67	15	65	24	65	39	65	55
GUILFORD CO (N = 1760)	8	67	7	58	7	58	8	67	8	67	12	63	26	63	39	65	64	8	67	9	75	9	75	7	58	8	67	15	65	25	68	40	67	59
GREENSBORO (N = 1445)	8	67	7	58	7	58	8	67	7	58	12	63	26	63	38	63	61	8	67	8	67	9	75	7	58	8	67	15	65	25	68	40	67	59
HIGH POINT (N = 562)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	35	58	48	7	58	8	67	8	67	7	58	7	58	14	61	23	62	37	62	48
ORANGE COUNTY (N = 383)	8	67	7	58	7	58	7	58	7	58	11	58	24	59	36	60	52	8	67	8	67	8	67	7	58	7	58	15	65	24	65	38	63	51

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items

2 Percentage = Percentage of Correct Items

++ = 100%

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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School System

School

SCIENCE

School	N	LIFE SCIENCE (12 Items) Number¹	LIFE SCIENCE Percentage²	PHYSICAL SCIENCE (12 Items) Number¹	PHYSICAL SCIENCE Percentage²	EARTH SCIENCE (12 Items) Number¹	EARTH SCIENCE Percentage²	NATURE OF SCIENCE (12 Items) Number¹	NATURE OF SCIENCE Percentage²	PROCESS (12 Items) Number¹	PROCESS Percentage²	LOWER ORDER (19 Items) Number¹	LOWER ORDER Percentage²	HIGHER ORDER (41 Items) Number¹	HIGHER ORDER Percentage²	TOTAL SCORE (60 Items) Number¹	TOTAL SCORE Percentage²	STATE PERCENTILE³ (Total Score)
CHAPEL HILL	(N = 375)	9	75	8	67	8	67	9	75	9	75	14	74	30	73	43	72	79
PERSON COUNTY	(N = 407)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52
RANDOLPH CO	(N = 967)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	35	58	48
ASHEBORO CITY	(N = 253)	8	67	7	58	7	58	7	58	7	58	12	63	25	61	37	62	57
ROCKINGHAM CO	(N = 241)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	37	62	57
EDEN CITY	(N = 319)	8	67	7	58	7	58	7	58	7	58	11	58	24	59	36	60	52
WESTERN ROCKI	(N = 260)	7	58	7	58	6	50	6	50	6	50	10	53	23	56	33	55	40
REIDSVILLE	(N = 243)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52
STOKES COUNTY	(N = 455)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52

SOCIAL STUDIES

School	N	HISTORY (12 Items) Number¹	HISTORY Percentage²	GEOGRAPHY (12 Items) Number¹	GEOGRAPHY Percentage²	ECONOMICS (12 Items) Number¹	ECONOMICS Percentage²	GOVERNMENT (12 Items) Number¹	GOVERNMENT Percentage²	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number¹	ANTHROPOLOGY-SOCIOLOGY Percentage²	LOWER ORDER (23 Items) Number¹	LOWER ORDER Percentage²	HIGHER ORDER (37 Items) Number¹	HIGHER ORDER Percentage²	TOTAL SCORE (60 Items) Number¹	TOTAL SCORE Percentage²	STATE PERCENTILE³ (Total Score)
CHAPEL HILL	(N = 375)	8	67	9	75	10	83	7	58	9	75	17	74	27	73	44	73	73
PERSON COUNTY	(N = 407)	8	67	8	67	9	75	7	58	7	58	15	65	24	65	40	67	59
RANDOLPH CO	(N = 967)	7	58	8	67	8	67	7	58	7	58	14	61	23	62	37	62	48
ASHEBORO CITY	(N = 253)	8	67	9	75	9	75	8	67	8	67	16	70	25	68	41	68	62
ROCKINGHAM CO	(N = 241)	8	67	8	67	9	75	7	58	7	58	14	61	24	65	39	65	55
EDEN CITY	(N = 319)	8	67	8	67	9	75	7	58	7	58	15	65	23	62	38	63	51
WESTERN ROCKI	(N = 260)	7	58	7	58	8	67	6	50	7	58	13	57	21	57	34	57	38
REIDSVILLE	(N = 243)	8	67	8	67	8	67	7	58	7	58	15	65	23	62	37	62	48
STOKES COUNTY	(N = 455)	8	67	8	67	9	75	7	58	7	58	15	65	24	65	39	65	55

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+ + = 100%

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SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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School System

School

SCIENCE

	LIFE SCIENCE (15 items)		PHYSICAL SCIENCE (15 items)		EARTH SCIENCE (15 items)		PROCESS (15 items)		LOWER ORDER (13 items)		HIGHER ORDER (47 items)		TOTAL SCORE (60 items)		STATE PERCENTILE 3 (Total Score)
	Number 1	Percentage 2	Number 1	Percentage 2	Number 1	Percentage 2	Number 1	Percentage 2	Number 1	Percentage 2	Number 1	Percentage 2	Number 1	Percentage 2	
REGION 6 AVERAGE (N = 15175)	9	60	9	60	9	60	10	67	9	69	29	62	37	62	50
STATE AVERAGE (N = 82791)	10	67	10	67	9	60	10	67	9	69	29	62	38	63	54
SCHOOL SYSTEM AVERAGES															
ANSON COUNTY (N = 297)	9	60	9	60	8	53	8	53	8	62	26	55	34	57	37
CABARRUS CO (N = 933)	10	67	10	67	10	67	10	67	9	69	30	64	39	65	59
KANNAPOLIS (N = 286)	10	67	10	67	10	67	9	60	9	69	30	64	40	67	63
CLEVELAND CO (N = 620)	10	67	10	67	10	67	10	67	9	69	31	66	40	67	63
KINGS MOUNTAI (N = 294)	9	60	10	67	10	67	9	60	9	69	29	62	38	63	54
SHELBY CITY (N = 233)	10	67	10	67	10	67	9	60	9	69	30	64	39	65	59
GASTON COUNTY (N = 2294)	9	60	9	60	9	60	9	60	9	69	27	57	36	60	46
LINCOLN CO (N = 663)	10	67	10	67	10	67	10	67	9	69	30	64	40	67	63
MECKLENBURG (N = 6429)	9	60	9	60	9	60	10	67	9	69	28	60	37	62	50
ROWAN COUNTY (N = 1320)	9	60	9	60	9	60	9	60	9	69	27	57	36	60	46
STANLY COUNTY (N = 540)	10	67	10	67	10	67	10	67	9	69	30	64	39	65	59
ALBEMARLE (N = 128)	9	60	10	67	10	67	9	60	8	62	29	62	37	62	50

SOCIAL STUDIES

	HISTORY (12 items)		GEOGRAPHY (12 items)		ECONOMICS (12 items)		GOVERNMENT (12 items)		ANTHROPOLOGY-SOCIOLOGY (12 items)		LOWER ORDER (33 items)		HIGHER ORDER (27 items)		TOTAL SCORE (60 items)		STATE PERCENTILE 3 (Total Score)
	Number 1	Percentage 2	Number 1	Percentage 2	Number 1	Percentage 2	Number 1	Percentage 2	Number 1	Percentage 2	Number 1	Percentage 2	Number 1	Percentage 2	Number 1	Percentage 2	
REGION 6 AVERAGE (N = 15175)	9	75	9	75	7	58	8	67	10	83	24	73	18	67	42	70	55
STATE AVERAGE (N = 82791)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
SCHOOL SYSTEM AVERAGES																	
ANSON COUNTY (N = 297)	8	67	8	67	7	58	7	58	9	75	22	67	17	63	39	65	44
CABARRUS CO (N = 933)	9	75	9	75	8	67	8	67	10	83	25	76	19	70	44	73	62
KANNAPOLIS (N = 286)	9	75	9	75	8	67	8	67	10	83	25	76	19	70	43	72	58
CLEVELAND CO (N = 620)	9	75	9	75	8	67	8	67	10	83	24	73	20	74	44	73	62
KINGS MOUNTAI (N = 294)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	42	70	55
SHELBY CITY (N = 233)	10	83	9	75	8	67	8	67	10	83	24	73	22	81	45	75	65
GASTON COUNTY (N = 2294)	8	67	9	75	7	58	8	67	9	75	23	70	18	67	41	68	51
LINCOLN CO (N = 663)	8	67	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
MECKLENBURG (N = 6429)	9	75	9	75	7	58	8	67	10	83	24	73	18	67	42	70	55
ROWAN COUNTY (N = 1320)	8	67	9	75	7	58	7	58	10	83	23	70	17	63	40	67	48
STANLY COUNTY (N = 540)	8	67	9	75	8	67	8	67	10	83	25	76	19	70	44	73	62
ALBEMARLE (N = 128)	9	75	9	75	7	58	8	67	10	83	23	70	19	70	42	70	55

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1 Number = Number of Correct Items

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+ + = 100%

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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356|546

REGION: 6

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School System

School

SCIENCE

	LIFE SCIENCE (15 items) Number¹	Percentage²	PHYSICAL SCIENCE (15 items) Number¹	Percentage²	EARTH SCIENCE (15 items) Number¹	Percentage²	PROCESS (15 items) Number¹	Percentage²	LOWER ORDER (13 items) Number¹	Percentage²	HIGHER ORDER (47 items) Number¹	Percentage²	TOTAL SCORE (60 items) Number¹	Percentage²	STATE PERCENTILE³ (Total Score)
UNION COUNTY (N = 942)	10	67	10	67	10	67	10	67	9	69	31	66	40	67	63
MONROE CITY (N = 196)	10	67	10	67	9	60	10	67	9	69	30	64	39	65	59

SOCIAL STUDIES

	HISTORY (12 items) Number¹	Percentage²	GEOGRAPHY (12 items) Number¹	Percentage²	ECONOMICS (12 items) Number¹	Percentage²	GOVERNMENT (12 items) Number¹	Percentage²	ANTHROPOLOGY-SOCIOLOGY (12 items) Number¹	Percentage²	LOWER ORDER (33 items) Number¹	Percentage²	HIGHER ORDER (27 items) Number¹	Percentage²	TOTAL SCORE (60 items) Number¹	Percentage²	STATE PERCENTILE³ (Total Score)
UNION COUNTY (N = 942)	9	75	9	75	8	67	8	67	10	83	25	76	20	74	45	75	65
MONROE CITY (N = 196)	8	67	9	75	8	67	8	67	10	83	24	73	19	70	42	70	55

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NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

GRADE 6

359547
359647

REGION: 6

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School System

School

SCIENCE

School	LIFE SCIENCE (12 Items) Number[1]	Percentage[2]	PHYSICAL SCIENCE (12 Items) Number[1]	Percentage[2]	EARTH SCIENCE (12 Items) Number[1]	Percentage[2]	NATURE OF SCIENCE (12 Items) Number[1]	Percentage[2]	PROCESS (12 Items) Number[1]	Percentage[2]	LOWER ORDER (21 Items) Number[1]	Percentage[2]	HIGHER ORDER (39 Items) Number[1]	Percentage[2]	TOTAL SCORE (60 Items) Number[1]	Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 6 AVERAGE (N = 13906)	8	67	9	75	7	58	7	58	8	67	12	57	27	69	39	65	52
STATE AVERAGE (N = 80475)	8	67	9	75	7	58	7	58	8	67	12	57	28	72	39	65	52
SCHOOL SYSTEM AVERAGES																	
ANSON COUNTY (N = 358)	8	67	9	75	8	67	7	58	8	67	12	57	26	67	39	65	52
CABARRUS CO (N = 907)	9	75	9	75	8	67	7	58	9	75	13	62	29	74	42	70	64
KANNAPOLIS (N = 299)	8	67	8	67	7	58	7	58	8	67	11	52	26	67	37	62	45
CLEVELAND CO (N = 633)	8	67	8	67	7	58	7	58	8	67	12	57	27	69	39	65	52
KINGS MOUNTAI (N = 275)	8	67	8	67	7	58	6	50	8	67	11	52	26	67	37	62	45
SHELBY CITY (N = 234)	8	67	8	67	8	67	7	58	8	67	12	57	27	69	39	65	52
GASTON COUNTY (N = 2152)	8	67	8	67	7	58	7	58	8	67	12	57	27	69	38	63	49
LINCOLN CO (N = 665)	9	75	9	75	8	67	7	58	8	67	13	62	28	72	41	68	60
MECKLENBURG (N = 5350)	8	67	9	75	7	58	7	58	8	67	12	57	27	69	38	63	49
ROWAN COUNTY (N = 1258)	9	75	9	75	8	67	7	58	8	67	12	57	28	72	40	67	56
STANLY COUNTY (N = 511)	9	75	9	75	9	75	8	67	9	75	13	62	29	74	43	72	68
ALBEMARLE (N = 134)	8	67	9	75	8	67	7	58	9	75	13	62	29	74	41	68	60

SOCIAL STUDIES

School	HISTORY (12 Items) Number[1]	Percentage[2]	GEOGRAPHY (12 Items) Number[1]	Percentage[2]	ECONOMICS (12 Items) Number[1]	Percentage[2]	GOVERNMENT (12 Items) Number[1]	Percentage[2]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1]	Percentage[2]	LOWER ORDER (27 Items) Number[1]	Percentage[2]	HIGHER ORDER (33 Items) Number[1]	Percentage[2]	TOTAL SCORE (60 Items) Number[1]	Percentage[2]	STATE PERCENTILE[3] (Total Score)
REGION 6 AVERAGE (N = 13906)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
STATE AVERAGE (N = 80475)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
SCHOOL SYSTEM AVERAGES																	
ANSON COUNTY (N = 358)	8	67	8	67	8	67	7	58	7	58	16	59	21	64	38	63	45
CABARRUS CO (N = 907)	9	75	9	75	8	67	9	75	8	67	19	70	23	70	43	72	61
KANNAPOLIS (N = 299)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
CLEVELAND CO (N = 633)	8	67	8	67	8	67	8	67	7	58	17	63	22	67	39	65	48
KINGS MOUNTAI (N = 275)	8	67	8	67	7	58	8	67	7	58	16	59	21	64	37	62	42
SHELBY CITY (N = 234)	8	67	8	67	8	67	8	67	7	58	18	67	22	67	39	65	48
GASTON COUNTY (N = 2152)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
LINCOLN CO (N = 665)	8	67	9	75	8	67	8	67	8	67	18	67	23	70	41	68	54
MECKLENBURG (N = 5350)	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
ROWAN COUNTY (N = 1258)	8	67	9	75	8	67	8	67	8	67	18	67	22	67	40	67	51
STANLY COUNTY (N = 511)	8	67	9	75	8	67	8	67	8	67	18	67	23	70	41	68	54
ALBEMARLE (N = 134)	8	67	9	75	8	67	8	67	8	67	19	70	23	70	42	70	58

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items

2 Percentage = Percentage of Correct Items

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

+ + = 100%

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NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

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05/24/90

School System

School

CTB ID / School System / School		LIFE SCIENCE (12 Items) Number¹	LIFE SCIENCE (12 Items) Percentage²	PHYSICAL SCIENCE (12 Items) Number¹	PHYSICAL SCIENCE (12 Items) Percentage²	EARTH SCIENCE (12 Items) Number¹	EARTH SCIENCE (12 Items) Percentage²	NATURE OF SCIENCE (12 Items) Number¹	NATURE OF SCIENCE (12 Items) Percentage²	PROCESS (12 Items) Number¹	PROCESS (12 Items) Percentage²	LOWER ORDER (21 Items) Number¹	LOWER ORDER (21 Items) Percentage²	HIGHER ORDER (39 Items) Number¹	HIGHER ORDER (39 Items) Percentage²	TOTAL SCORE (60 Items) Number¹	TOTAL SCORE (60 Items) Percentage²	STATE PERCENTILE³ (Total Score)
UNION COUNTY	(N = 935)	9	75	9	75	8	67	7	58	9	75	12	57	29	74	41	68	60
MONROE CITY	(N = 195)	8	67	8	67	7	58	6	50	8	67	11	52	26	67	37	62	45

CTB ID / School System / School		HISTORY (12 Items) Number¹	HISTORY (12 Items) Percentage²	GEOGRAPHY (12 Items) Number¹	GEOGRAPHY (12 Items) Percentage²	ECONOMICS (12 Items) Number¹	ECONOMICS (12 Items) Percentage²	GOVERNMENT (12 Items) Number¹	GOVERNMENT (12 Items) Percentage²	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number¹	ANTHROPOLOGY-SOCIOLOGY (12 Items) Percentage²	LOWER ORDER (27 Items) Number¹	LOWER ORDER (27 Items) Percentage²	HIGHER ORDER (33 Items) Number¹	HIGHER ORDER (33 Items) Percentage²	TOTAL SCORE (60 Items) Number¹	TOTAL SCORE (60 Items) Percentage²	STATE PERCENTILE³ (Total Score)
UNION COUNTY	(N = 935)	8	67	9	75	8	67	8	67	8	67	18	67	22	67	41	68	54
MONROE CITY	(N = 195)	7	58	8	67	7	58	8	67	7	58	16	59	20	61	36	60	39

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

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[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

* * * 100%

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SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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CTB ID School System School	SCIENCE																			SOCIAL STUDIES																		
	LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (19 Items)		HIGHER ORDER (41 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)		HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (23 Items)		HIGHER ORDER (37 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]			Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 6 AVERAGE (N = 13489)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52		7	58	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
STATE AVERAGE (N = 77430)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52		8	67	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
SCHOOL SYSTEM AVERAGES																																						
ANSON COUNTY (N = 337)	8	67	7	58	6	50	6	50	6	50	10	53	22	54	32	53	37		7	58	7	58	7	58	6	50	6	50	12	52	19	51	31	52	28
CABARRUS CO (N = 886)	9	75	7	58	8	67	8	67	8	67	12	63	27	66	39	65	64		8	67	9	75	9	75	7	58	8	67	16	70	25	68	41	68	62
KANNAPOLIS (N = 284)	8	67	6	50	6	50	7	58	6	50	10	53	23	56	33	55	40		7	58	7	58	7	58	6	50	6	50	13	57	21	57	35	58	41
CLEVELAND CO (N = 641)	8	67	7	58	6	50	7	58	6	50	10	53	23	56	34	57	44		7	58	8	67	8	67	6	50	7	58	14	61	22	59	36	60	44
KINGS MOUNTAI (N = 285)	8	67	7	58	7	58	7	58	7	58	11	58	26	63	37	62	57		8	67	8	67	8	67	8	67	8	67	16	70	25	68	41	68	62
SHELBY CITY (N = 235)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52		8	67	8	67	8	67	7	58	7	58	14	61	23	62	37	62	48
GASTON COUNTY (N = 2197)	8	67	7	58	7	58	7	58	7	58	11	58	24	59	35	58	48		8	67	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
LINCOLN CO (N = 642)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52		8	67	8	67	8	67	7	58	7	58	15	65	23	62	37	62	48
MECKLENBURG (N = 5082)	8	67	7	58	7	58	8	67	7	58	12	63	25	61	37	62	57		7	58	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
ROWAN COUNTY (N = 1171)	8	67	7	58	7	58	8	67	7	58	12	63	25	61	37	62	57		8	67	8	67	9	75	7	58	8	67	15	65	24	65	39	65	55
STANLY COUNTY (N = 471)	8	67	7	58	8	67	8	67	8	67	13	68	26	63	39	65	64		8	67	8	67	8	67	7	58	8	67	15	65	24	65	40	67	59
ALBEMARLE (N = 143)	8	67	7	58	7	58	8	67	7	58	12	63	25	61	38	63	61		8	67	8	67	8	67	7	58	7	58	15	65	24	65	38	63	51

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

+ + = 100%

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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	SCIENCE																
	LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (19 Items)		HIGHER ORDER (41 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
UNION COUNTY (N = 930)	8	67	7	58	7	58	7	58	8	67	11	58	26	63	37	62	57
MONROE CITY (N = 185)	8	67	7	58	7	58	8	67	7	58	11	58	25	61	36	60	52

	SOCIAL STUDIES																
	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (23 Items)		HIGHER ORDER (37 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
UNION COUNTY (N = 930)	8	67	8	67	8	67	7	58	8	67	15	65	23	62	39	65	55
MONROE CITY (N = 185)	7	58	8	67	8	67	6	50	6	50	14	61	21	57	34	57	38

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

247

[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

+ + = 100%

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

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SCIENCE AND SOCIAL STUDIES

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SCIENCE

CTB ID / School System / School	LIFE SCIENCE (15 Items)		PHYSICAL SCIENCE (15 Items)		EARTH SCIENCE (15 Items)		PROCESS (15 Items)		LOWER ORDER (13 Items)		HIGHER ORDER (47 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 7 AVERAGE (N = 8204)	10	67	10	67	10	67	10	67	9	69	30	64	39	65	59
STATE AVERAGE (N = 82791)	10	67	10	67	9	60	10	67	9	69	29	62	38	63	54
SCHOOL SYSTEM AVERAGES															
ALEXANDER CO (N = 382)	9	60	9	60	9	60	10	67	9	69	28	60	37	62	50
ALLEGHANY CO (N = 130)	10	67	10	67	9	60	10	67	9	69	31	66	39	65	59
ASHE COUNTY (N = 288)	11	73	10	67	10	67	11	73	10	77	33	70	42	70	71
AVERY COUNTY (N = 195)	10	67	10	67	10	67	10	67	9	69	31	66	40	67	63
BURKE COUNTY (N = 928)	10	67	10	67	10	67	10	67	9	69	31	66	40	67	63
CALDWELL CO (N = 878)	9	60	10	67	9	60	10	67	9	69	29	62	38	63	54
CATAWBA CO (N = 1012)	9	60	10	67	9	60	10	67	9	69	29	62	38	63	54
HICKORY CITY (N = 350)	9	60	9	60	9	60	10	67	9	69	28	60	37	62	50
NEWTON-CONOVE (N = 222)	9	60	10	67	10	67	10	67	9	69	30	64	39	65	59
DAVIE COUNTY (N = 314)	10	67	10	67	10	67	10	67	9	69	30	64	39	65	59
IREDELL CO (N = 836)	9	60	10	67	9	60	10	67	9	69	29	62	37	62	50
MOORESVILLE (N = 194)	9	60	9	60	9	60	10	67	9	69	27	57	36	60	46

SOCIAL STUDIES

CTB ID / School System / School	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (33 Items)		HIGHER ORDER (27 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 7 AVERAGE (N = 8204)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
STATE AVERAGE (N = 82791)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
SCHOOL SYSTEM AVERAGES																	
ALEXANDER CO (N = 382)	8	67	8	67	7	58	8	67	10	83	24	73	18	67	41	68	51
ALLEGHANY CO (N = 130)	9	75	9	75	8	67	8	67	9	75	24	73	20	74	44	73	62
ASHE COUNTY (N = 288)	9	75	10	83	9	75	9	75	10	83	26	79	22	81	48	80	75
AVERY COUNTY (N = 195)	8	67	9	75	8	67	8	67	10	83	23	70	19	70	43	72	58
BURKE COUNTY (N = 928)	9	75	9	75	8	67	8	67	10	83	25	76	20	74	44	73	62
CALDWELL CO (N = 878)	8	67	9	75	8	67	8	67	10	83	24	73	18	67	42	70	55
CATAWBA CO (N = 1012)	8	67	9	75	8	67	8	67	10	83	24	73	18	67	42	70	55
HICKORY CITY (N = 350)	9	75	9	75	7	58	8	67	10	83	24	73	17	63	41	68	51
NEWTON-CONOVE (N = 222)	9	75	9	75	8	67	8	67	10	83	25	76	19	70	44	73	62
DAVIE COUNTY (N = 314)	8	67	9	75	7	58	8	67	9	75	24	73	18	67	41	68	51
IREDELL CO (N = 836)	8	67	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
MOORESVILLE (N = 194)	8	67	9	75	7	58	7	58	10	83	23	70	16	59	40	67	48

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items
2 Percentage = Percentage of Correct Items
+ + = 100%
3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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CTB ID School System School	SCIENCE LIFE SCIENCE (15 Items) Number[1]	Percentage[2]	PHYSICAL SCIENCE (15 Items) Number[1]	Percentage[2]	EARTH SCIENCE (15 Items) Number[1]	Percentage[2]	PROCESS (15 Items) Number[1]	Percentage[2]	LOWER ORDER (13 Items) Number[1]	Percentage[2]	HIGHER ORDER (47 Items) Number[1]	Percentage[2]	TOTAL SCORE (60 Items) Number[1]	Percentage[2]	STATE PERCENTILE[3] (Total Score)	SOCIAL STUDIES HISTORY (12 Items) Number[1]	Percentage[2]	GEOGRAPHY (12 Items) Number[1]	Percentage[2]	ECONOMICS (12 Items) Number[1]	Percentage[2]	GOVERNMENT (12 Items) Number[1]	Percentage[2]	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1]	Percentage[2]	LOWER ORDER (33 Items) Number[1]	Percentage[2]	HIGHER ORDER (27 Items) Number[1]	Percentage[2]	TOTAL SCORE (60 Items) Number[1]	Percentage[2]	STATE PERCENTILE[3] (Total Score)
STATESVILLE (N = 214)	8	53	8	53	8	53	8	53	8	62	24	51	33	55	33	8	67	8	67	6	50	6	50	9	75	21	64	16	59	37	62	37
SURRY COUNTY (N = 560)	10	67	10	67	10	67	10	67	9	69	30	64	39	65	59	9	75	9	75	8	67	8	67	10	83	25	76	19	70	44	73	62
ELKIN CITY (N = 89)	10	67	10	67	11	73	10	67	10	77	31	66	41	68	67	9	75	10	83	8	67	8	67	10	83	25	76	20	74	45	75	65
MOUNT AIRY (N = 154)	10	67	11	73	10	67	11	73	10	77	32	68	42	70	71	10	83	10	83	9	75	9	75	10	83	26	79	21	78	47	78	72
WATAUGA CO (N = 343)	10	67	10	67	10	67	11	73	9	69	32	68	41	68	67	9	75	10	83	9	75	9	75	10	83	26	79	20	74	46	77	69
WILKES COUNTY (N = 764)	10	67	10	67	10	67	10	67	9	69	31	66	41	68	67	9	75	10	83	9	75	9	75	10	83	26	79	21	78	46	77	69
YADKIN COUNTY (N = 351)	10	67	10	67	10	67	10	67	9	69	30	64	39	65	59	9	75	9	75	8	67	8	67	10	83	25	76	19	70	44	73	62

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

++ = 100%

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

NORTH CAROLINA SCIENCE TEST

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SCIENCE AND SOCIAL STUDIES

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School System

School

School	SCIENCE: LIFE SCIENCE (12 Items) Number¹	Percentage²	PHYSICAL SCIENCE (12 Items) Number¹	Percentage²	EARTH SCIENCE (12 Items) Number¹	Percentage²	NATURE OF SCIENCE (12 Items) Number¹	Percentage²	PROCESS (12 Items) Number¹	Percentage²	LOWER ORDER (21 Items) Number¹	Percentage²	HIGHER ORDER (39 Items) Number¹	Percentage²	TOTAL SCORE (60 Items) Number¹	Percentage²	STATE PERCENTILE³ (Total Score)	SOCIAL STUDIES: HISTORY (12 Items) Number¹	Percentage²	GEOGRAPHY (12 Items) Number¹	Percentage²	ECONOMICS (12 Items) Number¹	Percentage²	GOVERNMENT (12 Items) Number¹	Percentage²	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number¹	Percentage²	LOWER ORDER (27 Items) Number¹	Percentage²	HIGHER ORDER (33 Items) Number¹	Percentage²	TOTAL SCORE (60 Items) Number¹	Percentage²	STATE PERCENTILE³ (Total Score)
REGION 7 AVERAGE (N = 8178)	9	75	9	75	8	67	7	58	9	75	12	57	28	72	41	68	60	8	67	9	75	8	67	8	67	8	67	18	67	23	70	41	68	54
STATE AVERAGE (N = 80475)	8	67	9	75	7	58	7	58	8	67	12	57	28	72	39	65	52	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
SCHOOL SYSTEM AVERAGES																																		
ALEXANDER CO (N = 346)	8	67	9	75	7	58	7	58	9	75	12	57	29	74	40	67	56	8	67	9	75	8	67	8	67	8	67	18	67	23	70	42	70	58
ALLEGHANY CO (N = 117)	9	75	9	75	8	67	8	67	9	75	13	62	29	74	42	70	64	9	75	8	67	8	67	8	67	7	58	18	67	23	70	41	68	54
ASHE COUNTY (N = 291)	9	75	9	75	8	67	8	67	9	75	12	57	30	77	42	70	64	9	75	10	83	9	75	9	75	8	67	20	74	24	73	44	73	64
AVERY COUNTY (N = 202)	9	75	9	75	7	58	7	58	8	67	11	52	28	72	39	65	52	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
BURKE COUNTY (N = 894)	9	75	9	75	8	67	7	58	9	75	12	57	28	72	40	67	56	8	67	9	75	8	67	9	75	8	67	18	67	23	70	41	68	54
CALDWELL CO (N = 951)	8	67	9	75	7	58	7	58	8	67	12	57	27	69	40	67	56	8	67	9	75	8	67	8	67	7	58	17	63	22	67	39	65	48
CATAWBA CO (N = 1033)	9	75	9	75	8	67	7	58	9	75	12	57	28	72	41	68	60	8	67	9	75	8	67	8	67	8	67	18	67	23	70	41	68	54
HICKORY CITY (N = 299)	8	67	9	75	8	67	7	58	9	75	12	57	28	72	40	67	56	9	75	9	75	8	67	9	75	8	67	19	70	23	70	42	70	58
NEWTON-CONOVE (N = 228)	9	75	9	75	8	67	7	58	9	75	13	62	28	72	41	68	60	9	75	9	75	8	67	9	75	8	67	18	67	23	70	42	70	58
DAVIE COUNTY (N = 373)	9	75	9	75	8	67	8	67	9	75	13	62	30	77	43	72	68	9	75	9	75	8	67	9	75	8	67	19	70	24	73	43	72	61
IREDELL CO (N = 819)	8	67	8	67	7	58	7	58	8	67	12	57	27	69	39	65	52	8	67	9	75	8	67	8	67	8	67	18	67	23	70	41	68	54
MOORESVILLE (N = 164)	8	67	9	75	8	67	7	58	8	67	12	57	28	72	40	67	56	8	67	9	75	8	67	8	67	8	67	18	67	23	70	41	68	54

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items

2 Percentage = Percentage of Correct Items

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

+ + = 100%

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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389|847

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CTB ID / School System / School		SCIENCE																	SOCIAL STUDIES																
		LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (21 Items)		HIGHER ORDER (39 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (27 Items)		HIGHER ORDER (33 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
STATESVILLE	(N = 208)	8	67	8	67	6	50	6	50	7	58	11	52	24	62	35	58	37	8	67	8	67	7	58	7	58	7	58	15	56	21	64	37	62	42
SURRY COUNTY	(N = 554)	9	75	8	67	7	58	7	58	8	67	12	57	28	72	40	67	56	8	67	9	75	8	67	8	67	7	58	18	67	22	67	40	67	51
ELKIN CITY	(N = 61)	9	75	9	75	8	67	8	67	9	75	13	62	30	77	43	72	68	9	75	9	75	8	67	9	75	8	67	20	74	24	73	44	73	64
MOUNT AIRY	(N = 167)	9	75	9	75	8	67	8	67	9	75	13	62	30	77	43	72	68	9	75	10	83	9	75	9	75	8	67	20	74	25	76	45	75	68
WATAUGA CO	(N = 326)	9	75	9	75	8	67	7	58	9	75	13	62	30	77	42	70	64	9	75	9	75	8	67	9	75	8	67	20	74	24	73	44	73	64
WILKES COUNTY	(N = 793)	9	75	9	75	8	67	7	58	9	75	13	62	29	74	42	70	64	8	67	9	75	8	67	9	75	8	67	19	70	23	70	42	70	58
YADKIN COUNTY	(N = 352)	9	75	9	75	7	58	7	58	8	67	12	57	28	72	40	67	56	8	67	9	75	8	67	8	67	7	58	18	67	22	67	39	65	48

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[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

+ + = 100%

255

256

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

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	SCIENCE: LIFE SCIENCE (12 Items)		SCIENCE: PHYSICAL SCIENCE (12 Items)		SCIENCE: EARTH SCIENCE (12 Items)		SCIENCE: NATURE OF SCIENCE (12 Items)		SCIENCE: PROCESS (12 Items)		SCIENCE: LOWER ORDER (19 Items)		SCIENCE: HIGHER ORDER (41 Items)		SCIENCE: TOTAL SCORE (60 Items)		SCIENCE: STATE PERCENTILE[3] (Total Score)	SOCIAL STUDIES: HISTORY (12 Items)		SOCIAL STUDIES: GEOGRAPHY (12 Items)		SOCIAL STUDIES: ECONOMICS (12 Items)		SOCIAL STUDIES: GOVERNMENT (12 Items)		SOCIAL STUDIES: ANTHROPOLOGY-SOCIOLOGY (12 Items)		SOCIAL STUDIES: LOWER ORDER (23 Items)		SOCIAL STUDIES: HIGHER ORDER (37 Items)		SOCIAL STUDIES: TOTAL SCORE (60 Items)		SOCIAL STUDIES: STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 7 AVERAGE (N = 7862)	8	67	7	58	7	58	8	67	7	58	12	63	25	61	37	62	57	8	67	8	67	9	75	7	58	8	67	15	65	24	65	39	65	55
STATE AVERAGE (N = 77430)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52	8	67	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
SCHOOL SYSTEM AVERAGES																																		
ALEXANDER CO (N = 340)	8	67	7	58	7	58	8	67	7	58	12	63	25	61	37	62	57	8	67	9	75	9	75	8	67	8	67	16	70	26	70	43	72	69
ALLEGHANY CO (N = 127)	9	75	7	58	7	58	7	58	8	67	12	63	26	63	38	63	61	8	67	9	75	9	75	7	58	8	67	16	70	24	65	40	67	59
ASHE COUNTY (N = 265)	9	75	8	67	8	67	8	67	8	67	13	68	27	66	40	67	68	8	67	9	75	9	75	8	67	8	67	16	70	26	70	42	70	66
AVERY COUNTY (N = 193)	8	67	7	58	7	58	7	58	7	58	11	58	26	63	36	60	52	7	58	8	67	8	67	6	50	7	58	14	61	22	59	36	60	44
BURKE COUNTY (N = 867)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52	8	67	8	67	8	67	7	58	8	67	15	65	24	65	39	65	55
CALDWELL CO (N = 848)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52	7	58	8	67	8	67	7	58	7	58	14	61	23	62	38	63	51
CATAWBA CO (N = 955)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	37	62	57	8	67	8	67	8	67	7	58	7	58	15	65	24	65	39	65	55
HICKORY CITY (N = 313)	8	67	7	58	7	58	8	67	7	58	12	63	26	63	37	62	57	8	67	8	67	9	75	7	58	8	67	15	65	25	68	40	67	59
NEWTON-CONOVE (N = 217)	8	67	7	58	6	50	7	58	7	58	10	53	24	59	34	57	44	7	58	7	58	8	67	6	50	7	58	14	61	22	59	36	60	44
DAVIE COUNTY (N = 396)	9	75	7	58	7	58	8	67	7	58	12	63	26	63	39	65	64	8	67	9	75	9	75	7	58	8	67	15	65	24	65	40	67	59
IREDELL CO (N = 703)	8	67	7	58	7	58	8	67	7	58	12	63	25	61	37	62	57	8	67	8	67	9	75	7	58	8	67	15	65	24	65	39	65	55
MOORESVILLE (N = 191)	9	75	8	67	7	58	8	67	8	67	13	68	26	63	39	65	64	8	67	9	75	9	75	8	67	8	67	15	65	26	70	41	68	62

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[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

+ + = 100%

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM

GRADE 8

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School System

School

	SCIENCE																
	LIFE SCIENCE (12 items)		PHYSICAL SCIENCE (12 items)		EARTH SCIENCE (12 items)		NATURE OF SCIENCE (12 items)		PROCESS (12 items)		LOWER ORDER (19 items)		HIGHER ORDER (41 items)		TOTAL SCORE (60 items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
STATESVILLE (N = 208)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	35	58	48
SURRY COUNTY (N = 594)	8	67	7	58	7	58	7	58	7	58	12	63	25	61	37	62	57
ELKIN CITY (N = 59)	8	67	7	58	8	67	8	67	7	58	13	68	27	66	40	67	68
MOUNT AIRY (N = 140)	11	92	10	83	9	75	9	75	10	83	15	79	34	83	49	82	94
WATAUGA CO (N = 329)	9	75	8	67	8	67	8	67	8	67	13	68	27	66	40	67	68
WILKES COUNTY (N = 756)	8	67	7	58	7	58	8	67	7	58	12	63	25	61	37	62	57
YADKIN COUNTY (N = 361)	9	75	7	58	7	58	7	58	7	58	12	63	26	63	37	62	57

	SOCIAL STUDIES																
	HISTORY (12 items)		GEOGRAPHY (12 items)		ECONOMICS (12 items)		GOVERNMENT (12 items)		ANTHROPOLOGY-SOCIOLOGY (12 items)		LOWER ORDER (23 items)		HIGHER ORDER (37 items)		TOTAL SCORE (60 items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
STATESVILLE (N = 208)	7	58	8	67	8	67	7	58	7	58	14	61	22	59	35	58	41
SURRY COUNTY (N = 594)	8	67	9	75	9	75	8	67	8	67	16	70	25	68	41	68	62
ELKIN CITY (N = 59)	8	67	10	83	9	75	8	67	8	67	17	74	25	68	42	70	66
MOUNT AIRY (N = 140)	9	75	9	75	10	83	8	67	9	75	17	74	28	76	45	75	76
WATAUGA CO (N = 329)	8	67	9	75	9	75	7	58	8	67	16	70	25	68	41	68	62
WILKES COUNTY (N = 756)	8	67	8	67	9	75	7	58	7	58	15	65	23	62	38	63	51
YADKIN COUNTY (N = 361)	8	67	8	67	9	75	7	58	8	67	15	65	24	65	39	65	55

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1 Number = Number of Correct Items

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3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

+ + = 100%

259

260

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

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School System

School

SCIENCE

School	LIFE SCIENCE (15 Items)		PHYSICAL SCIENCE (15 Items)		EARTH SCIENCE (15 Items)		PROCESS (15 Items)		LOWER ORDER (13 Items)		HIGHER ORDER (47 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 8 AVERAGE (N = 6545)	10	67	10	67	10	67	10	67	9	69	31	66	40	67	63
STATE AVERAGE (N = 82791)	10	67	10	67	9	60	10	67	9	69	29	62	38	63	54
SCHOOL SYSTEM AVERAGES															
BUNCOMBE CO (N = 1639)	10	67	10	67	10	67	11	73	10	77	32	68	41	68	67
ASHEVILLE (N = 406)	10	67	10	67	10	67	10	67	9	69	30	64	39	65	59
CHEROKEE CO (N = 262)	10	67	11	73	10	67	10	67	10	77	32	68	41	68	67
CLAY COUNTY (N = 80)	9	60	9	60	9	60	9	60	9	69	28	60	37	62	50
GRAHAM COUNTY (N = 102)	10	67	9	60	9	60	10	67	9	69	28	60	36	60	46
HAYWOOD CO (N = 510)	10	67	10	67	10	67	10	67	10	77	32	68	41	68	67
HENDERSON CO (N = 660)	10	67	10	67	10	67	11	73	10	77	32	68	41	68	67
HENDERSONVILL (N = 115)	10	67	10	67	11	73	11	73	9	69	32	68	42	70	71
JACKSON CO (N = 267)	10	67	10	67	10	67	11	73	9	69	31	66	41	68	67
MACON COUNTY (N = 259)	10	67	11	73	10	67	10	67	10	77	32	68	41	68	67
MADISON CO (N = 188)	10	67	10	67	9	60	10	67	9	69	29	62	38	63	54
MCDOWELL CO (N = 465)	9	60	10	67	9	60	10	67	9	69	29	62	38	63	54

SOCIAL STUDIES

School	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (33 Items)		HIGHER ORDER (27 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
REGION 8 AVERAGE (N = 6545)	9	75	9	75	8	67	8	67	10	83	25	76	20	74	45	75	65
STATE AVERAGE (N = 82791)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
SCHOOL SYSTEM AVERAGES																	
BUNCOMBE CO (N = 1639)	9	75	10	83	9	75	9	75	10	83	26	79	21	78	46	77	69
ASHEVILLE (N = 406)	9	75	9	75	9	75	8	67	10	83	25	76	20	74	44	73	62
CHEROKEE CO (N = 262)	9	75	10	83	8	67	9	75	10	83	26	79	21	78	46	77	69
CLAY COUNTY (N = 80)	8	67	9	75	7	58	7	58	10	83	24	73	17	63	42	70	55
GRAHAM COUNTY (N = 102)	9	75	9	75	7	58	7	58	10	83	23	70	18	67	41	68	51
HAYWOOD CO (N = 510)	9	75	10	83	9	75	8	67	10	83	25	76	20	74	45	75	65
HENDERSON CO (N = 660)	9	75	10	83	8	67	8	67	10	83	25	76	20	74	45	75	65
HENDERSONVILL (N = 115)	9	75	10	83	9	75	9	75	10	83	26	79	21	78	48	80	75
JACKSON CO (N = 267)	9	75	9	75	8	67	8	67	10	83	25	76	19	70	44	73	62
MACON COUNTY (N = 259)	9	75	10	83	8	67	9	75	10	83	25	76	21	78	46	77	69
MADISON CO (N = 188)	9	75	9	75	8	67	9	75	10	83	25	76	20	74	45	75	65
MCDOWELL CO (N = 465)	8	67	9	75	8	67	8	67	10	83	24	73	18	67	42	70	55

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+ + = 100%

[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

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NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

GRADE 3

358|546
358|546

REGION: 8

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School System

School

SCIENCE

School	LIFE SCIENCE (15 items) Number¹	LIFE SCIENCE Percentage²	PHYSICAL SCIENCE (15 items) Number¹	PHYSICAL SCIENCE Percentage²	EARTH SCIENCE (15 items) Number¹	EARTH SCIENCE Percentage²	PROCESS (15 items) Number¹	PROCESS Percentage²	LOWER ORDER (13 items) Number¹	LOWER ORDER Percentage²	HIGHER ORDER (47 items) Number¹	HIGHER ORDER Percentage²	TOTAL SCORE (60 items) Number¹	TOTAL SCORE Percentage²	STATE PERCENTILE³ (Total Score)
MITCHELL CO (N = 180)	11	73	11	73	10	67	11	73	10	77	33	70	43	72	75
POLK COUNTY (N = 139)	10	67	9	60	10	67	11	73	9	69	31	66	39	65	59
RUTHERFORD CO (N = 745)	10	67	9	60	10	67	10	67	9	69	29	62	38	63	54
SWAIN COUNTY (N = 108)	11	73	11	73	10	67	11	73	10	77	33	70	43	72	75
TRANSYLVANIA (N = 239)	10	67	11	73	11	73	11	73	10	77	33	70	42	70	71
YANCEY COUNTY (N = 181)	10	67	10	67	10	67	10	67	9	69	31	66	40	67	63

SOCIAL STUDIES

School	HISTORY (12 items) Number¹	HISTORY Percentage²	GEOGRAPHY (12 items) Number¹	GEOGRAPHY Percentage²	ECONOMICS (12 items) Number¹	ECONOMICS Percentage²	GOVERNMENT (12 items) Number¹	GOVERNMENT Percentage²	ANTHROPOLOGY-SOCIOLOGY (12 items) Number¹	ANTHROPOLOGY-SOCIOLOGY Percentage²	LOWER ORDER (33 items) Number¹	LOWER ORDER Percentage²	HIGHER ORDER (27 items) Number¹	HIGHER ORDER Percentage²	TOTAL SCORE (60 items) Number¹	TOTAL SCORE Percentage²	STATE PERCENTILE³ (Total Score)
MITCHELL CO (N = 180)	9	75	10	83	9	75	9	75	10	83	26	79	21	78	47	78	72
POLK COUNTY (N = 139)	9	75	9	75	8	67	8	67	10	83	25	76	20	74	45	75	65
RUTHERFORD CO (N = 745)	9	75	9	75	8	67	8	67	10	83	24	73	19	70	43	72	58
SWAIN COUNTY (N = 108)	8	67	10	83	8	67	9	75	10	83	25	76	21	78	44	73	62
TRANSYLVANIA (N = 239)	9	75	10	83	9	75	8	67	10	83	26	79	20	74	47	78	72
YANCEY COUNTY (N = 181)	9	75	10	83	9	75	9	75	10	83	25	76	21	78	46	77	69

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1 Number = Number of Correct Items　　2 Percentage = Percentage of Correct Items　　+ + = 100%

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages

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NORTH CAROLINA SCIENCE TEST

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SCIENCE AND SOCIAL STUDIES

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NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

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School System

School

School	N	SCIENCE: LIFE SCIENCE (12 Items) Number[1] Percentage[2]	SCIENCE: PHYSICAL SCIENCE (12 Items) Number[1] Percentage[2]	SCIENCE: EARTH SCIENCE (12 Items) Number[1] Percentage[2]	SCIENCE: NATURE OF SCIENCE (12 Items) Number[1] Percentage[2]	SCIENCE: PROCESS (12 Items) Number[1] Percentage[2]	SCIENCE: LOWER ORDER (21 Items) Number[1] Percentage[2]	SCIENCE: HIGHER ORDER (39 Items) Number[1] Percentage[2]	SCIENCE: TOTAL SCORE (60 Items) Number[1] Percentage[2]	SCIENCE: STATE PERCENTILE[3] (Total Score)	SOCIAL STUDIES: HISTORY (12 Items) Number[1] Percentage[2]	SOCIAL STUDIES: GEOGRAPHY (12 Items) Number[1] Percentage[2]	SOCIAL STUDIES: ECONOMICS (12 Items) Number[1] Percentage[2]	SOCIAL STUDIES: GOVERNMENT (12 Items) Number[1] Percentage[2]	SOCIAL STUDIES: ANTHROPOLOGY-SOCIOLOGY (12 Items) Number[1] Percentage[2]	SOCIAL STUDIES: LOWER ORDER (27 Items) Number[1] Percentage[2]	SOCIAL STUDIES: HIGHER ORDER (33 Items) Number[1] Percentage[2]	SOCIAL STUDIES: TOTAL SCORE (60 Items) Number[1] Percentage[2]	SOCIAL STUDIES: STATE PERCENTILE[3] (Total Score)
REGION 8 AVERAGE	(N = 6652)	9 75	9 75	8 67	7 58	9 75	12 57	29 74	41 68	60	9 75	9 75	8 67	9 75	8 67	19 70	23 70	42 70	58
STATE AVERAGE	(N = 80475)	8 67	9 75	7 58	7 58	8 67	12 57	28 72	39 65	52	8 67	9 75	8 67	8 67	7 58	18 67	22 67	40 67	51
SCHOOL SYSTEM AVERAGES																			
BUNCOMBE CO	(N = 1632)	9 75	9 75	8 67	7 58	9 75	13 62	29 74	42 70	64	9 75	9 75	9 75	9 75	8 67	19 70	24 73	43 72	61
ASHEVILLE	(N = 364)	8 67	8 67	6 50	7 58	8 67	11 52	27 69	37 62	45	8 67	8 67	8 67	8 67	7 58	17 63	22 67	39 65	48
CHEROKEE CO	(N = 271)	9 75	9 75	8 67	7 58	8 67	12 57	29 74	40 67	56	9 75	9 75	9 75	9 75	8 67	19 70	25 76	44 73	64
CLAY COUNTY	(N = 92)	10 83	10 83	8 67	9 75	8 67	14 67	30 77	45 75	76	9 75	10 83	8 67	9 75	8 67	19 70	24 73	43 72	61
GRAHAM COUNTY	(N = 114)	8 67	8 67	7 58	6 50	8 67	11 52	26 67	37 62	45	8 67	9 75	8 67	8 67	8 67	18 67	23 70	41 68	54
HAYWOOD CO	(N = 549)	9 75	9 75	9 75	7 58	9 75	12 57	30 77	43 72	68	9 75	9 75	8 67	9 75	8 67	19 70	24 73	43 72	61
HENDERSON CO	(N = 635)	9 75	9 75	8 67	7 58	9 75	13 62	30 77	43 72	68	9 75	10 83	8 67	9 75	8 67	20 74	24 73	44 73	64
HENDERSONVILL	(N = 115)	9 75	9 75	8 67	8 67	9 75	13 62	30 77	43 72	68	9 75	9 75	8 67	9 75	7 58	19 70	23 70	41 68	54
JACKSON CO	(N = 290)	9 75	9 75	8 67	7 58	9 75	12 57	30 77	42 70	64	9 75	10 83	8 67	9 75	8 67	19 70	24 73	43 72	61
MACON COUNTY	(N = 270)	9 75	9 75	8 67	7 58	9 75	13 62	30 77	43 72	68	9 75	10 83	8 67	9 75	8 67	19 70	24 73	43 72	61
MADISON CO	(N = 192)	8 67	8 67	7 58	6 50	8 67	11 52	26 67	37 62	45	8 67	8 67	7 58	8 67	7 58	17 63	20 61	38 63	45
MCDOWELL CO	(N = 464)	9 75	9 75	7 58	7 58	9 75	11 52	28 72	40 67	56	8 67	9 75	8 67	9 75	8 67	18 67	23 70	41 68	54

* INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

1 Number = Number of Correct Items

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+ + = 100%

3 Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

II

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

GRADE 6

35|547
359|547

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School System

School

		SCIENCE																	
		LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (21 Items)		HIGHER ORDER (39 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
MITCHELL CO	(N = 188)	9	75	9	75	8	67	8	67	9	75	13	62	30	77	43	72	68
POLK COUNTY	(N = 134)	9	75	9	75	8	67	8	67	9	75	12	57	30	77	42	70	64
RUTHERFORD CO	(N = 744)	8	67	8	67	7	58	6	50	8	67	11	52	27	69	38	63	49
SWAIN COUNTY	(N = 120)	9	75	9	75	9	75	8	67	9	75	13	62	31	79	45	75	76
TRANSYLVANIA	(N = 302)	9	75	9	75	8	67	7	58	8	67	13	62	30	77	42	70	64
YANCEY COUNTY	(N = 176)	9	75	9	75	8	67	7	58	8	67	13	62	29	74	42	70	64

		SOCIAL STUDIES																
		HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (27 Items)		HIGHER ORDER (33 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE[3] (Total Score)
		Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	Number[1]	Percentage[2]	
MITCHELL CO	(N = 188)	9	75	9	75	8	67	9	75	8	67	19	70	24	73	43	72	61
POLK COUNTY	(N = 134)	9	75	9	75	8	67	9	75	8	67	20	74	24	73	44	73	64
RUTHERFORD CO	(N = 744)	8	67	8	67	7	58	8	67	7	58	17	63	21	64	38	63	45
SWAIN COUNTY	(N = 120)	9	75	10	83	9	75	10	83	8	67	21	78	25	76	46	77	71
TRANSYLVANIA	(N = 302)	9	75	9	75	8	67	9	75	8	67	19	70	23	70	43	72	61
YANCEY COUNTY	(N = 176)	8	67	8	67	8	67	8	67	7	58	18	67	23	70	40	67	51

- * INDICATES MEDIAN RAW SCORES, PERCENTAGES AND/OR MEDIAN STATE PERCENTILES ARE NOT CALCULATED AND REPORTED FOR GROUPS OF LESS THAN 10 STUDENTS

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[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

+ + = 100%

[illegible]

NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

NORTH CAROLINA ANNUAL TESTING PROGRAM BASIC SKILLS

GRADE 8

360548
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School System

School

SCIENCE

	LIFE SCIENCE (12 Items)		PHYSICAL SCIENCE (12 Items)		EARTH SCIENCE (12 Items)		NATURE OF SCIENCE (12 Items)		PROCESS (12 Items)		LOWER ORDER (19 Items)		HIGHER ORDER (41 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE³ (Total Score)
	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
REGION 8 AVERAGE (N = 6577)	8	67	7	58	7	58	8	67	8	67	12	63	26	63	38	63	61
STATE AVERAGE (N = 77430)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52
SCHOOL SYSTEM AVERAGES																	
BUNCOMBE CO (N = 1581)	8	67	7	58	8	67	8	67	8	67	12	63	26	63	39	65	64
ASHEVILLE (N = 312)	8	67	8	67	8	67	8	67	8	67	13	68	27	66	39	65	64
CHEROKEE CO (N = 299)	8	67	7	58	7	58	8	67	8	67	12	63	26	63	38	63	61
CLAY COUNTY (N = 82)	10	83	8	67	8	67	9	75	8	67	15	79	28	68	43	72	79
GRAHAM COUNTY (N = 98)	8	67	7	58	7	58	7	58	6	50	11	58	24	59	35	58	48
HAYWOOD CO (N = 553)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52
HENDERSON CO (N = 658)	9	75	7	58	7	58	8	67	8	67	12	63	27	66	39	65	64
HENDERSONVILL (N = 127)	8	67	7	58	7	58	8	67	8	67	12	63	27	66	40	67	68
JACKSON CO (N = 282)	9	75	7	58	7	58	8	67	8	67	12	63	27	66	39	65	64
MACON COUNTY (N = 220)	9	75	7	58	7	58	8	67	8	67	12	63	26	63	38	63	61
MADISON CO (N = 202)	8	67	7	58	6	50	7	58	7	58	11	58	24	59	35	58	48
MCDOWELL CO (N = 452)	8	67	7	58	7	58	8	67	7	58	12	63	25	61	37	62	57

SOCIAL STUDIES

	HISTORY (12 Items)		GEOGRAPHY (12 Items)		ECONOMICS (12 Items)		GOVERNMENT (12 Items)		ANTHROPOLOGY-SOCIOLOGY (12 Items)		LOWER ORDER (23 Items)		HIGHER ORDER (37 Items)		TOTAL SCORE (60 Items)		STATE PERCENTILE³ (Total Score)
	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	Number¹	Percentage²	
REGION 8 AVERAGE (N = 6577)	8	67	9	75	9	75	7	58	8	67	15	65	24	65	40	67	59
STATE AVERAGE (N = 77430)	8	67	8	67	8	67	7	58	7	58	15	65	23	62	38	63	51
SCHOOL SYSTEM AVERAGES																	
BUNCOMBE CO (N = 1581)	8	67	9	75	9	75	7	58	8	67	16	70	25	68	41	68	62
ASHEVILLE (N = 312)	8	67	9	75	9	75	7	58	8	67	16	70	25	68	41	68	62
CHEROKEE CO (N = 299)	8	67	9	75	9	75	7	58	8	67	16	70	24	65	40	67	59
CLAY COUNTY (N = 82)	10	83	9	75	10	83	8	67	9	75	17	74	28	76	45	75	76
GRAHAM COUNTY (N = 98)	8	67	8	67	8	67	6	50	7	58	15	65	23	62	37	62	48
HAYWOOD CO (N = 553)	8	67	9	75	9	75	7	58	8	67	16	70	24	65	40	67	59
HENDERSON CO (N = 658)	8	67	9	75	9	75	7	58	8	67	16	70	24	65	40	67	59
HENDERSONVILL (N = 127)	9	75	9	75	9	75	8	67	8	67	16	70	27	73	43	72	69
JACKSON CO (N = 282)	8	67	9	75	9	75	7	58	8	67	16	70	25	68	41	68	62
MACON COUNTY (N = 220)	8	67	9	75	9	75	7	58	8	67	16	70	25	68	41	68	62
MADISON CO (N = 202)	7	58	8	67	8	67	6	50	7	58	14	61	22	59	36	60	44
MCDOWELL CO (N = 452)	8	67	8	67	8	67	6	50	7	58	15	65	23	62	38	63	51

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1 Number = Number of Correct Items

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NORTH CAROLINA SCIENCE TEST

NORTH CAROLINA SOCIAL STUDIES TEST

SCIENCE AND SOCIAL STUDIES

SUMMARY REPORT

GRADE 8

360|548
360|548

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Run Date
05/24/90

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School System

School

SCIENCE

School		LIFE SCIENCE (12 Items) Number¹	Percentage²	PHYSICAL SCIENCE (12 Items) Number¹	Percentage²	EARTH SCIENCE (12 Items) Number¹	Percentage²	NATURE OF SCIENCE (12 Items) Number¹	Percentage²	PROCESS (12 Items) Number¹	Percentage²	LOWER ORDER (19 Items) Number¹	Percentage²	HIGHER ORDER (41 Items) Number¹	Percentage²	TOTAL SCORE (60 Items) Number¹	Percentage²	STATE PERCENTILE³ (Total Score)
MITCHELL CO	(N = 179)	8	67	7	58	7	58	8	67	8	67	12	63	27	66	39	65	64
POLK COUNTY	(N = 138)	8	67	7	58	7	58	7	58	7	58	12	63	26	63	38	63	61
RUTHERFORD CO	(N = 773)	8	67	7	58	7	58	7	58	7	58	11	58	25	61	36	60	52
SWAIN COUNTY	(N = 109)	8	67	7	58	7	58	8	67	8	67	12	63	26	63	38	63	61
TRANSYLVANIA	(N = 313)	8	67	7	58	7	58	7	58	8	67	12	63	26	63	38	63	61
YANCEY COUNTY	(N = 199)	8	67	7	58	7	58	8	67	7	58	12	63	25	61	37	62	57

SOCIAL STUDIES

School		HISTORY (12 Items) Number¹	Percentage²	GEOGRAPHY (12 Items) Number¹	Percentage²	ECONOMICS (12 Items) Number¹	Percentage²	GOVERNMENT (12 Items) Number¹	Percentage²	ANTHROPOLOGY-SOCIOLOGY (12 Items) Number¹	Percentage²	LOWER ORDER (23 Items) Number¹	Percentage²	HIGHER ORDER (37 Items) Number¹	Percentage²	TOTAL SCORE (60 Items) Number¹	Percentage²	STATE PERCENTILE³ (Total Score)
MITCHELL CO	(N = 179)	8	67	9	75	9	75	7	58	8	67	16	70	26	70	42	70	66
POLK COUNTY	(N = 138)	8	67	8	67	9	75	7	58	7	58	15	65	23	62	39	65	55
RUTHERFORD CO	(N = 773)	7	58	8	67	8	67	6	50	7	58	14	61	23	62	37	62	48
SWAIN COUNTY	(N = 109)	8	67	9	75	9	75	6	50	8	67	16	70	24	65	40	67	59
TRANSYLVANIA	(N = 313)	8	67	9	75	9	75	7	58	8	67	16	70	24	65	40	67	59
YANCEY COUNTY	(N = 199)	7	58	9	75	9	75	7	58	8	67	15	65	24	65	39	65	55

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[1] Number = Number of Correct Items

[2] Percentage = Percentage of Correct Items

* * = 100%

[3] Percentiles Are Derived From Distributions Of Individual Scores Rather Than Distributions Of Group Averages.

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APPENDIX D

Selecting a Measure of Central Tendency

APPENDIX D

SELECTING A MEASURE OF CENTRAL TENDENCY

Comparison of the Mean and Median

A major consideration in selecting a measure of central tendency (e.g., selecting one score to represent a group of scores) is the use to which it will be put. If it is intended to be descriptive, then the measure of central tendency most descriptive of the data should be reported. In other words, the measure of central tendency for a distribution of test scores should be typical of the group of test scores that it represents.

The mean (see Appendix E: Definition of Measurement Terms) has a number of distinct advantages. First, because it is algebraically defined, it lends itself to a variety of mathematical operations. Most statistical procedures call for these mathematical operations, and the use of the mean is mandatory. The mean has another quality of no small importance when drawing inferences from samples to populations -- the quality of stability. Therefore, the mean of a sample is more likely to be a good estimate of the corresponding population parameter than the other measures of central tendency. Since summary scores for the NCATP are based on student populations rather than samples of students, this characteristic is not quite as important for NCATP data. However, for plotting summary scores over time (growth analysis), the mean is the preferred statistic in most cases.

The mean does have one major disadvantage -- it may be greatly influenced by the presence of extreme scores and cease to be typical of the score distribution. In general, it is pulled in the direction of the extreme scores. This is especially true with small samples or populations, and in such cases the median may be preferred.

The median (see Appendix E) is also a very useful measure of central tendency. The median's relative freedom from distortion in an asymmetrical distribution (see Illustrations 1 and 2) makes it a particularly desirable "average" for descriptive purposes. For these reasons statisticians usually report medians rather than means for income data. Thus, the median is often used to convey the idea of a "typical" observation. It is primarily affected by the number rather than the size of observations.

Illustration 1 displays the relationship between the mean and the median in a symmetrical distribution. Illustration 2 presents the relationship between the mean and the median in asymmetrical distributions. Frequency Distribution A is skewed to the left (negatively skewed) while Frequency Distribution B is skewed to the right (positively skewed). Collectively, these curves suggest alternative definitions of the mean and the median -- the mean is the center of gravity of the scores and the median is that point on the score scale (distribution) such that a line perpendicular to the point will divide the area under the curve into two equal parts (mid-point).

From the previous discussion several differences between the mean and median are immediately apparent. First, the mean uses more information than the median in the sense that all the score values are used in computing the mean, whereas the median only uses the relative position of the scores. Review the scores 72, 81, 86, 69, and 57 and note the change if the highest score had been 126 instead of 86. The median would have been unaffected, but the mean would have been increased substantially. Likewise, had the lowest score been zero, the mean would have been lowered, but the median would again be unchanged. These changes reveal a very important difference between the two measures: the mean is affected by changes in extreme values whereas the median will be unaffected unless the value of the middle case is also changed. In the example, as long as 72 remains the third case when data have been reranked, the median will be unchanged.

This important difference between the two measures enables one to decide, in most instances, which will be the more appropriate. Ordinarily, statisticians recommend a measure of central tendency that makes use of all information available. However, because of the very fact that the mean uses all the data, it may give very misleading results under certain circumstances. In making use of a measure of central tendency, the best technical advise is to obtain a simple description of what is typical of the scores. Suppose, to take an extreme case, that the highest score in the series of five numbers presented above had been 962. The median would remain at 72, but the mean would become 1,241/5 or 248.2. Is this value in any sense typical of the scores? Certainly not. It is nowhere near the scores of any of the five cases. It is true, of course, that in such an extreme example no single measure could be used to adequately describe the typical case, but since four out of the five scores are around 72, the use of the median would obviously be more descriptive. Whenever a distribution is highly skewed, i.e., whenever there are considerably more extreme cases in one direction than the other, the median will generally be more appropriate than the mean.

In reporting central values of skewed distributions, it is sometimes desirable to state both the mean and the median, since each provides information, and from the difference between the two an immediate inference can be made as to what direction the distribution is skewed and about how strongly. When a distribution is symmetrical, the two values will coincide, so only one of them, preferably the mean, need be reported. Such was the case with the 1977 edition of the CAT, when the publisher, CTB/McGraw-Hill, used a scaling technique to force the national distributions to be both normal and symmetrical -- i.e., the mean and median scale scores were forced to be the same. Since the publisher used a different procedure to produce the national scale score distributions for the 1985 edition of the CAT, the 1985 national scale score distributions were allowed to be asymmetrical. Thus, the mean and median scale scores for the national distribution, as well as for most other distributions (e.g., state, region, LEA, and school) will be different. To observe how this might affect LEA summary data, consider the LEA CAT Total Battery scale score distributions presented in Illustrations 3, 4, and 5.

Illustration 3 represents a sample grade 6 LEA scale score frequency distribution with 557 students (observations) which produce a mean scale score of 729 and a median scale score of 730. In this distribution note that (1) the distribution is more peaked (kurtosis = 0.863) than a normal distribution -- that is more scores are bunched around the mean -- and (2) the distribution is slightly negatively skewed (skewness = -0.436) -- the distribution contains a few low scoring students. However, generally speaking this distribution approximates a symmetrical distribution. Therefore, the mean and median values should be similar -- which is the case. In this situation, either the mean or the median may be used as an appropriate measure of central tendency to summarize this distribution of scores as a single number. From the CTB/McGraw-Hill Quarter Month 28 Norms Tables, a mean of 729 corresponds to a Grade Mean Equivalent of 6.7, while a median scale score of 730 equals a Median National Percentile of 47. Thus, regardless of which derived score is selected (GME or Median National Percentile) the conclusion is the same -- the average or typical student in this school system scored about the same as the average or typical student in the national norm group.

Illustration 4 also represents a sample grade 6 LEA scale score frequency distribution with 109 observations which produce a mean scale score of 729, and a median scale score of 739. Inspection of this distribution reveals that (1) the distribution is flatter than the first (kurtosis = 0.159) and (2) the distribution is more negatively skewed (contains a greater proportion of higher scores) than the first (skewness = -0.682). In negatively skewed distributions the mean and median scale score values will tend to be different, with the median being the larger of the two since the mean is influenced by (pulled toward) the extreme lower scores. This case illustrates how each measure of central tendency summarizes a score distribution into a different number based on its own specific definition. Thus, while one can report both measures of central tendency, usually a choice is made as to which most accurately describes the distribution. The mean scale score equals a GME of 6.7 and the median scale score equals a percentile rank of 56. Therefore, the school system could make two slightly different statements about their overall student performance and both are statistically correct:

> "The average student in LEA X scored the same as the average student in the national norm group."
>
> "The typical student in LEA X scored better than 56 percent of the students in the national norm group."

In the absence of other information, the more appropriate choice would be the second statement because it is based on using the median -- a measure of central tendency unaffected by extreme scores.

Illustration 5 shows a sample grade 3 LEA scale score frequency distribution with 78 observations which produced a mean of 664 and a median of 668. Inspection of this distribution reveals that the distribution approximates a rectangular or flat distribution. In such a distribution, any given score is attained by equal numbers of students. Further observation reveals that this distribution is slightly positively skewed (skewness= 0.0126) and is obviously flat (kurtosis= -0.120). In this distribution, the most frequently observed score is 681 (mode= 681, n= 3), which is a value quite different from either the mean (664 equals a GME of 3.4) or median (668 equals a percentile rank of 38). While either the mean or the median can be used to summarize this group of scores as a single number and used to compare student performance to the national norm, can either the mean or median be said to represent "typical" student performance in this case? This example illustrates the difficulty of attempting to summarize a score distribution for a small group of students. In such a case, presenting a graphic representation of the distribution along with the values for the mean and/or median would be enlightening.

Illustration 6 shows a sample grade 2 LEA scale score frequency distribution with 101 observations which produced a mean of 635 and a median of 646. Inspection of this distribution reveals that, proportionally, the largest group of students are grouped at the scale score value of 605 (mode = 605), a value quite different from the mean or median, which is atypical of most distributions. In addition, the distribution is negatively skewed (skewness = -0.885) and somewhat more peaked than a normal distribution (kurtosis = 0.361). In this very rare case, neither the mean nor the median adequately summarizes the distribution into a single number. Thus regardless of which measure of central tendency is selected, important information about the distribution is omitted. Specifically, if the mean is selected (635 equals a GME of 2.7) the fact that proportionally a large number of students scored above the national average is obscured. Similarly, if the median is selected (646 equals a percentile rank of 57) the fact that proportionally another large group of students scored below either the mean or the median is equally ignored. In this situation the best description of the distribution is the distribution itself -- either in graph form, as presented above, or as a comparison of LEA to national percentage of students falling into each of nine standard categories as reported in the "Stanine Frequency Distribution for the California Achievement Tests", which is provided as one of two styles of frequency distributions which are included in the NCATP summary reports. The two styles of frequency distributions are produced for each level of group performance reported (school, LEA, Region, and State).

Theoretical Frequency Distributions

Illustration 1

Symmetrical

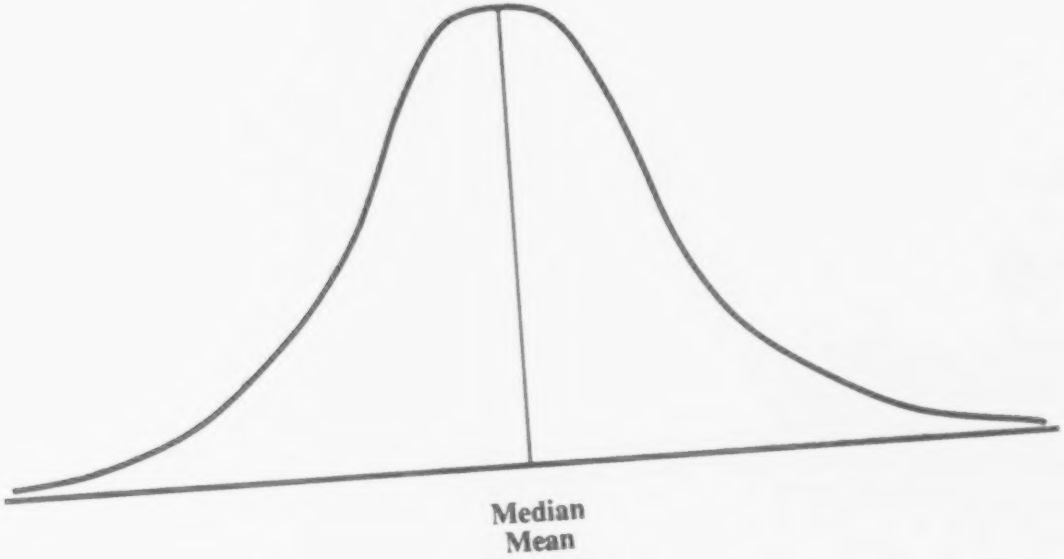
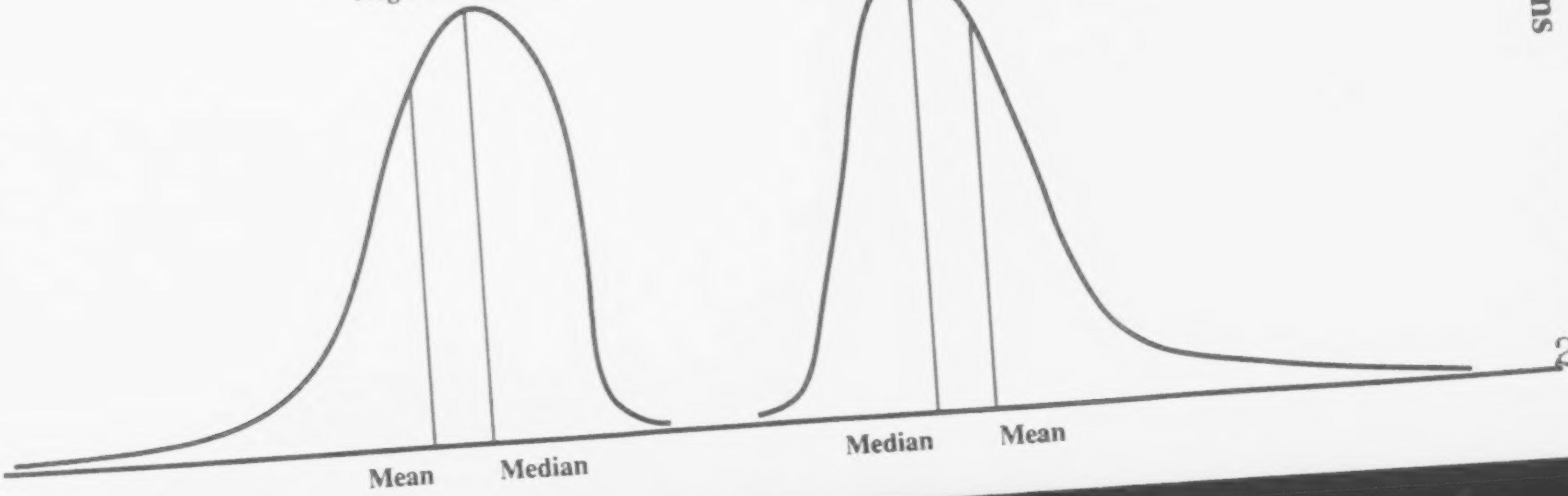

Median
Mean

Illustration 2

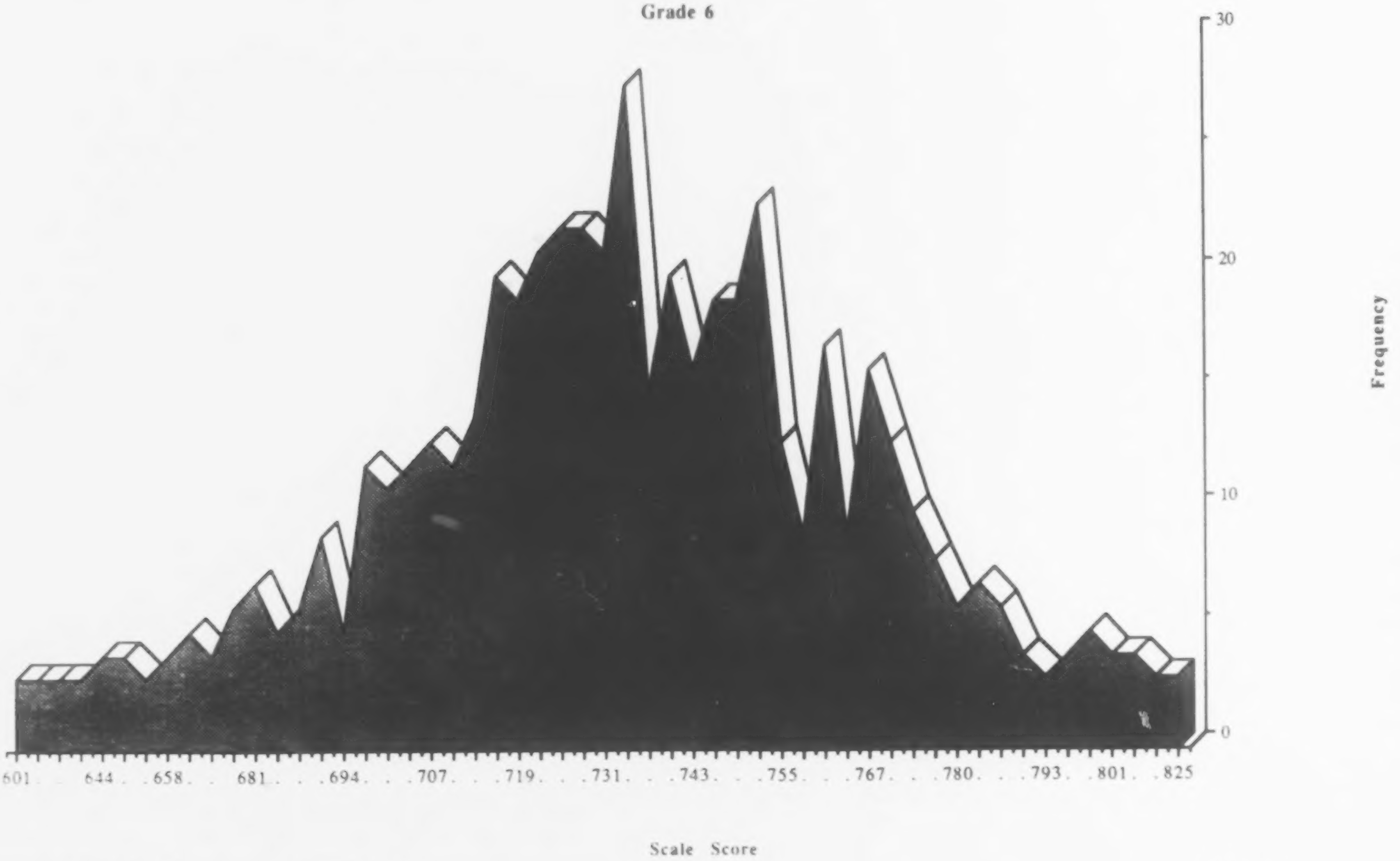

Frequency Distribution A
Negatively Skewed

Frequency Distribution B
Positively Skewed

Mean
Median
Median
Mean

Illustration 3

Sample LEA CAT Total Battery Scale Score Frequency Distribution

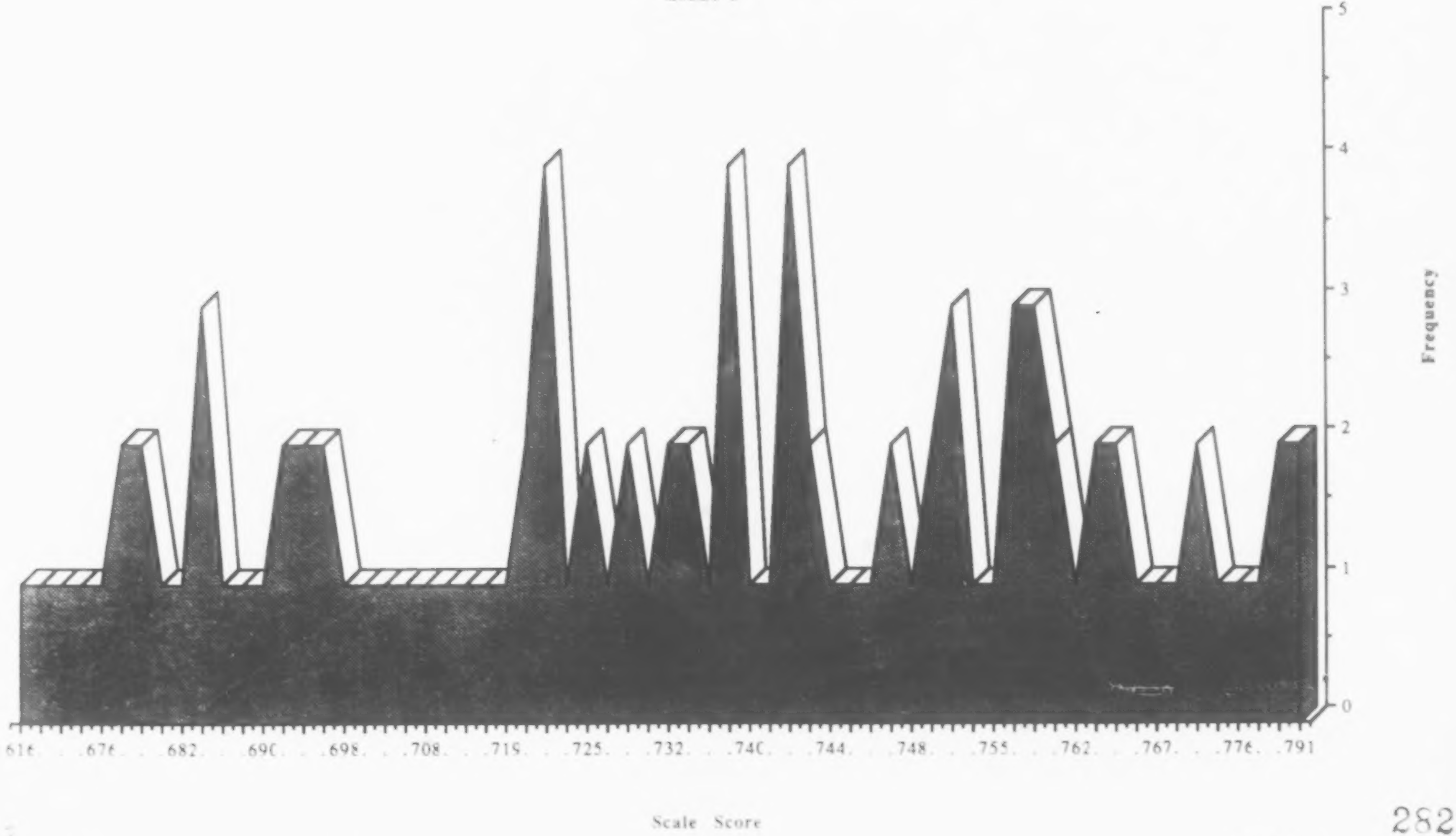


Mean = 729 Median = 730 N=557

Illustration 4

Sample LEA CAT Total Battery Scale Score Frequency Distribution

Grade 6



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Mean = 728

Median = 739

N=109

Illustration 5

Sample LEA CAT Total Battery Scale Score Frequency Distribution

Grade 3

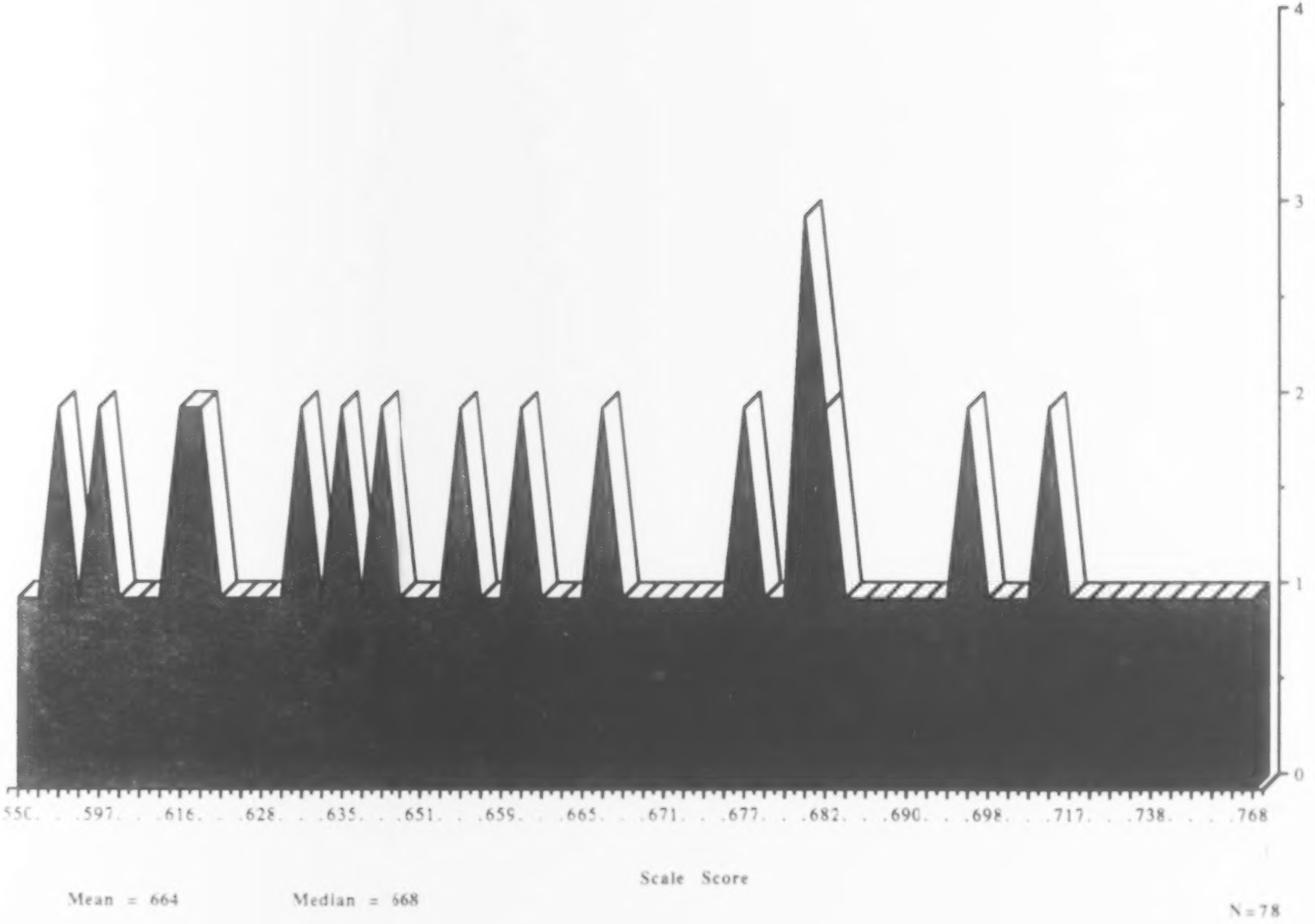
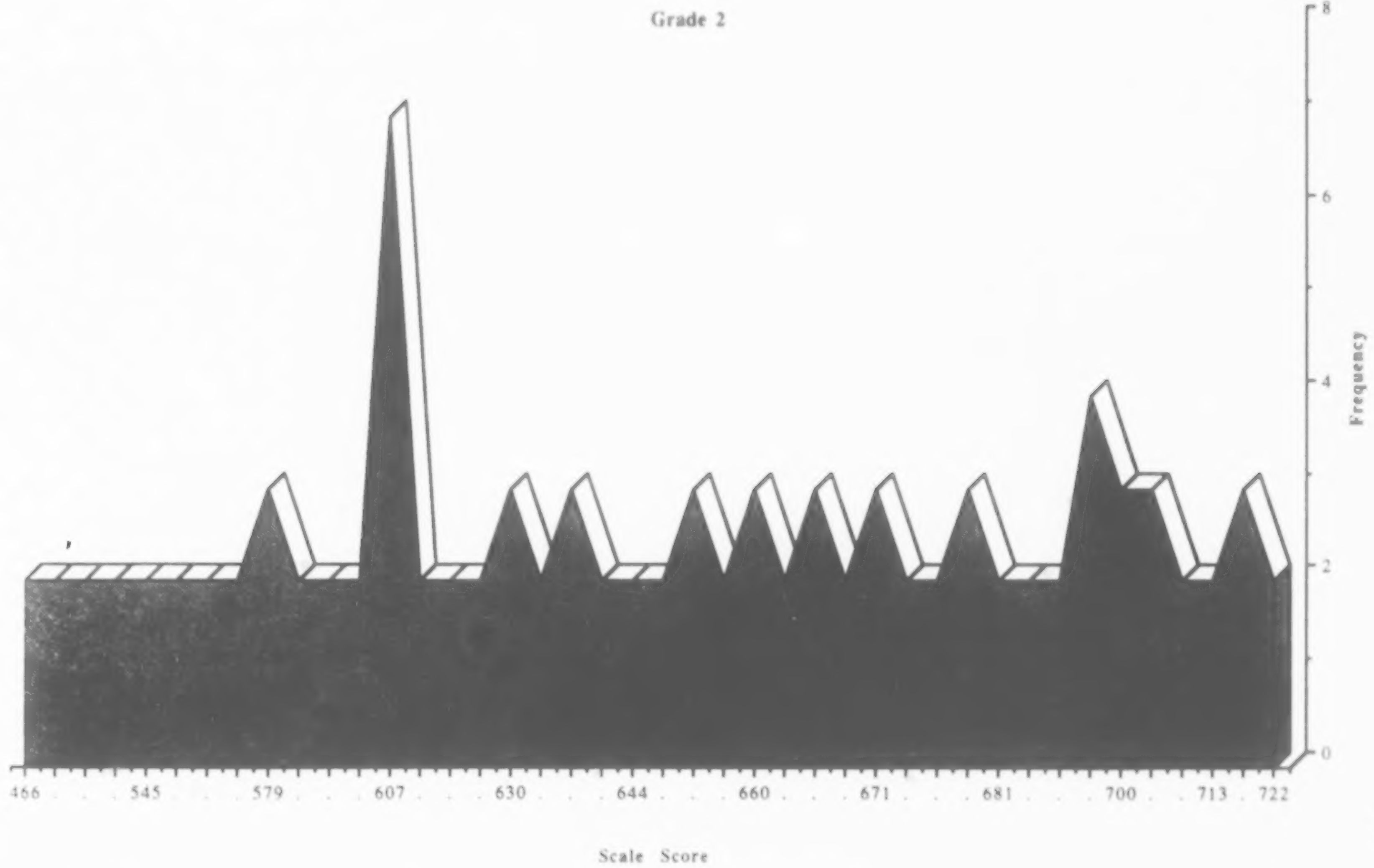


Illustration 6

Sample LEA CAT Total Battery Scale Score Frequency Distribution

Grade 2



Mean = 635 Median = 646 N=101

APPENDIX E

Definition of Measurement Terms

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Mean The mean, or average, is a score obtained by adding together a group of scores and dividing by the total number of scores.

Median The median is a score determined by ordering the scores for a group from highest to lowest and then locating the middle score. Fifty percent of the scores are below this score, and fifty percent are above it.

Mode The score value of a score distribution which occurs most frequently.

Scale Scores Scale scores are units of a single, equal-interval scale that is applied across all levels of the California Achievement Tests regardless of grade or time of year of testing. These scores are expressed in numbers that range from 0 through 999. The continuity of the scale is based on the design of the norming sample, which requires that special test forms containing items from adjacent test levels be administered to randomly selected samples in grades where the levels overlap. This procedure provides a basis for linking the tests from level to level. When the CAT is administered, a given student is expected to obtain the same scale score regardless of the form, level, or scoring method used. However, the standard error of measurement associated with that student's score will vary systematically from level to level.

The equal-interval property of scale scores makes these scores especially appropriate for various statistical purposes. For example, scale scores can be added, subtracted, and averaged across test levels. Such computations permit direct comparisons among classes, schools, or districts. The year-to-year growth of individual students or groups in subject areas can also be tracked using scale scores. By plotting the mean scale scores for each grade within a school or district for one testing or successive testings and the mean scale scores for the norm group, relative growth rates can be demonstrated.

The primary use of the CAT scale scores is to provide a basis for deriving the various other scores that can be used to describe test performance. That is, by using scale score conversion tables, it is possible to convert student scale scores to grade equivalents, percentile ranks, and normal curve equivalents.

Because the test content areas are "scaled" separately, the scale scores for one subject area cannot be compared with the scale scores for another area. For example, a scale score of 468 in Language would not have the same meaning as the same scale score in Mathematics. Just looking at the scale scores for a student does not give any information about this student's performance on a particular test area relative to other areas. However, useful information can be obtained by comparing the student's performance in scale score units to the average performance of the group.

Percentile Ranks Percentile ranks, which range from 1 to 99, are commonly used for reporting test results to students and parents. A percentile rank can be interpreted as the percentage of students in a norm group whose scores fall below a given student's scale score. For example, if a student's scale score converts to a national percentile rank (NP) of 71, this may be interpreted to mean that the student scored higher than approximately 71 percent of the students in the norm group. Local percentiles (LP) may also be computed from the distribution of scores in the local student population. The local percentile is a comparison of students in the same grade within the individual school or district. Keep in mind that when a local percentile is reported, half of the students will score below the local 50th percentile, since the students within the local group are only being compared to each other.

In discussing test results with students and parents, it should be emphasized that a percentile rank refers to the percentage of *students* in the norm group who fall below a particular point, not the percentage of items answered correctly. Also note that a scale of percentile ranks is not composed of equal measuring units. A given difference between percentile ranks is larger (in terms of scale score units) near the ends of the distribution than it is near the middle. For example, the difference in scale scores between percentile ranks of 5 and 10 or between 90 and 95 is much greater than the difference between percentile ranks of 50 and 55. Because the intervals are unequal, percentile ranks are not suitable for computing averages.

Normal Curve Equivalents The normal curve equivalent (NCE) scale, ranging from 1 through 99, coincides with the national percentile scale at 1, 50, and 99. NCEs have many of the same characteristics as percentile ranks but have the additional advantage of being based on an equal-interval scale. That is, the difference between two successive scores on the scale has the same meaning throughout the scale. This property allows meaningful comparisons between different achievement test batteries and between different tests within the same battery. NCEs obtained by different groups of students on the same test or test battery can be compared by averaging the scores for the groups.

Grade Equivalents Whereas percentile ranks, normal curve equivalents, and stanines indicate relative standing within a particular grade level, grade equivalents (GE) extend across grade levels. The scale for grade equivalents ranges from 0.0 through 12.9, representing the thirteen years of school (K through 12) and the ten months in the traditional school year. September is taken as the beginning of the school year (.0); October is represented on the scale as .1, November as .2, and so on until June (.9). A grade equivalent represents the grade and month in school of students in the norm group whose test performance is *theoretically equivalent* to the test performance of a given student. For the California Achievement Tests, grade equivalents are based on the standardization administrations in October (.1) and May (.8). Grade equivalents for other times of the school year are interpolated (mathematically estimated) from these two points.

To illustrate the calculation of grade equivalents, suppose that a vocabulary test is administered during November to a norming group of sixth-grade students and that the median scale score obtained is 724. Then the grade equivalent for a scale score of 724 on that test would be set at 6.2, 6 representing Grade 6 and .2 representing the month of November. Any student who obtained a scale score of 724 on that vocabulary test would be given a grade equivalent of 6.2 in vocabulary skills.

Caution should be exercised in interpreting grade equivalents. If a second-grade student obtains a grade equivalent of 4.8 on a reading test, it does not mean that the student has mastered all the reading skills that are taught in the school district during the first eight months of Grade 4. It means only that the student's performance on this test is *theoretically equivalent* to the typical performance of students in the norm group who had completed eight months of Grade 4. This score is a good indication that the student reads considerably better than the average second-grade student. However, if this student had taken a reading test designed for the fourth grade, it is possible that he or she would not have scored at 4.8. Because misinterpretation can easily result if thorough explanation does not accompany the score, it is strongly recommended that grade equivalents not be used in reporting a student's scores to parents or other persons with little or no training in testing.

Grade Mean Equivalents A new group-level score called the grade mean equivalent (GME) has been developed for the California Achievement Tests. Its purpose is to describe the mean performance for a group in grade equivalent terms. It is conceptually identical to the grade equivalent for individuals, except that the GME is defined in terms of the national mean while the GE is defined in terms of the national median, or 50th percentile. The GME is defined as the year and month of school where the group mean would be equal to the national mean.